| Coating System Reference | TR0042 v.8 System1A |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 85μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume | |
|-----------------|-------------------|----------|------|-----|------------|----------------------------------|--------|---------------|----------------------|--|
| | | min | spec | max | 30liu (76) | | | /0 | (Dase.Additive) | |
| Zinc Clad II/EU | Inorganic Zinc | 60 | 60 | 125 | 62 | 7.75 | No.4 | ≤ 5 | 9.9Kgs : 3.43 litres | |
| Macropoxy 646 | Epoxy (Mist coat) | n/a | n/a | n/a | 72 | n/a | No.50 | ≤ 10 | 1:1 | |
| Macropoxy 646 | Ероху | 100 | 140 | 280 | 72 | 5.9 | No.50 | ≤ 5 | 1:1 | |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 9 | NR | NR | 4:1 | |
| | | TOTAL | 300 | 555 | | | | | | |

| | | 5°C | | | 10°C | | | 23°C | | 40°C | | |
|-------------------------------|-------|------------------------|----------------------|--------------------|------------------------|----------------------|--------------------|------------------------|----------------------|--------------------|------------------------|----------------------|
| Product Name Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ |
| Zinc Clad II/EU | 2 | Unlimited ³ | 14 days ⁴ | 48 hr ² | Unlimited ³ | 14 days ⁴ | 18 hr ² | Unlimited ³ | 14 days ⁴ | 18 hr ² | Unlimited ³ | 14 days ⁴ |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 4 days |
| Sherloxane 800 | 16hrs | 90d | 8d | 10 hrs | 90d | 8d | 3hrs | 90d | 7d | 1.5hrs | 90d | 3d |

Notes

1. Overcoating and Full Cure Times are based on a Relative Humidity level of 50%.

2. Minimum Overcoating and Full Cure Time to be confirmed by carrying out 50 MEK double rubs. No zinc or only slight traces should be visible. Coin hardness test can also

be used.

3. Maximum Overcoating time is "Unlimited" providing any salting on the zinc surface due to weathering exposure is fully removed prior to topcoating.

4. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

NR Not Recommended

| Coating System Reference | TR0042 v.8 System 1B |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 85μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume (Base:Additive) | |
|----------------|--------------|----------|------|-----|------------|----------------------------------|---------|---------------|--|--|
| | | min | spec | max | 50lid (76) | | THILLET | 70 | (Base.Additive) | |
| Zinc Clad IV | Organic Zinc | 60 | 60 | 125 | 68 | 7.75 | No.3 | ≤ 5 | 8:1 | |
| Macropoxy 646 | Ероху | 100 | 120 | 250 | 72 | 5.9 | No.50 | ≤ 5 | 1:1 | |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 6 | NR | NR | 4:1 | |
| | | TOTAL | 280 | 525 | | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|
| Product Name | Overcoating Time | | Full Cure |
| | min | max | Time |
| Zinc Clad IV | 6hrs | Unlimited | 10d | 5hrs | Unlimited | 10d | 4hrs | Unlimited | 10d | 2hrs | Unlimited | 7d |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 4 days |
| Sherloxane 800 | 16hrs | 90d | 8d | 10hrs | 90d | 8d | 3hrs | 90d | 7d | 1.5hrs | 90d | 3d |
| Notes | | | | | | | | | | | | |
| NR Not Recommended | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 1F |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50µm to 85µm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|----------------|-------------------|----------|------|------|---------------------|----------------------------------|---------|---------------|---------------------|
| | | min | spec | max | | Spec DI I | THILLET | 70 | (Base.Additive) |
| Duraplate 6000 | Glass Flake Epoxy | 300 | 500 | 1000 | 100 | 1.97 | NR | NR | 2:1 |
| Duraplate 6000 | Glass Flake Epoxy | 300 | 500 | 1000 | 100 | 1.97 | NR | NR | 2:1 |
| | | TOTAL | 1000 | 2000 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | | | |
|-------------------------------|------|-----------|------------------|------|-----------|------------------|------|-----------|------------------|------|-----------|-------|
| Product Name Overcoating Time | | Full Cure | |
| | min | max | Time | min | max | Time | min | max | Time | min | max | Time |
| Duraplate 6000 | 7hrs | 28 days | 10hrs | 5hrs | 28 days | 10hrs | 5hrs | 28 days | 10hrs | 4hrs | 28 days | 10hrs |
| Duraplate 6000 | 7hrs | 28 days | 10hrs | 5hrs | 28 days | 10hrs | 5hrs | 28 days | 10hrs | 4hrs | 28 days | 10hrs |
| <u>Notes</u> | | | | | | | | | | | | |
| NR Not Recommended | | | | | | | | | | | | |

Equinor TR0042 ver.8 <u>CSDS - Coating Systems Data Sheets</u>

| Coating System Reference | TR0042 v.8 System 2A(i) - Thermally Sprayed Aluminium at 200µm ≤ 80°C |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr @ spec DFT | Mixing Thinner | Thinning % | Mix Ratio by Volume (Base:Additive) | |
|---------------|--------------|------------|------|-----|---------------------|--|-------------------|---------------|--|--|
| | | min | spec | max | | © 3900 DI 1 | | 70 | (Base:Additive) | |
| Macropoxy 646 | Ероху | Sealercoat | | 72 | 5.9 | No.50 | ≤ 20 | 1:1 | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|------------------------------------|-------|-----------|------------------|-------|-----------|------------------|------|-----------|------------------|--------|-----------|--------|
| Product Name Overcoating Time Full | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min | max | Time | min | max | Time | min | max | Time | min | max | Time |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 4 days |
| Notes | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 2A(ii) - Thermally Sprayed Aluminium at 200µm >80°C - ≤ 600°C |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|-----------------|--------------|------------|------|-----|---------------------|----------------------------------|--------|---------------|---------------------|
| | | min | spec | max | | @ Spec Di 1 | THINK | 70 | (Base:Additive) |
| Heat- Flex M505 | Silicone | Sealercoat | | 31 | N/A | No.2 | NR | N/A | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|-----------------|---------|-----------|-----------|---------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|
| Product Name | Overcoa | ting Time | Full Cure | Overcoa | ting Time | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| | min | max | Time | min | max | Time | min | max | Time | min | max | Time |
| Heat- Flex M505 | 12 hr | Unlimited | 1 | 8 hr | Unlimited | 1 | 4 hr | Unlimited | 1 | 2.5 hr | Unlimited | 1 |

1. To achieve full cure, Leighs M505 must be post-cured by gradually elevating the temperature to a minimum of 205°C and maintaining this temperature for 2 hours.

NR Not Required

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 2B |
|--------------------------|----------------------|
| Surface Cleanliness | Applied to TSZ |
| Surface Roughness | n/a |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning | Mix Ratio by Volume | |
|----------------|-------------------|----------|------|-----|---------------------|----------------------------------|---------|----------|---------------------|--|
| | | min | spec | max | | | Thinner | 70 | (Base.Additive) | |
| Macropoxy 646 | Epoxy (mist coat) | n/a | n/a | n/a | 72 | NA | No.50 | ≤ 10 | 1:1 | |
| Macropoxy 646 | Ероху | 100 | 100 | 250 | 72 | 7.1 | No.50 | ≤ 5 | 1:1 | |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 9 | NR | NR | 4:1 | |
| | | TOTAL | 200 | 400 | | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|---------------------------|--------|-----------|------------------|--------|-----------|------------------|--------|-------------------|--------|------------------|--------|
| Product Name | Overcoating Time Full Cur | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | ng Time Full Cure | | Overcoating Time | |
| | min | max | Time | min | max | Time | min | max | Time | min | max | Time |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 4 days |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 4 days |
| Sherloxane 800 | 16hrs | 90d | 8d | 10 hrs | 90d | 8d | 3hrs | 90d | 7d | 1.5hrs | 90d | 3d |
| <u>Notes</u> | | | | | | | | | | | | |
| NR Not Recommended | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 3A |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|----------------|--------------|----------|------|------|---------------------|----------------------------------|--------|---------------|---------------------|
| | | min | spec | max | | @ Spec Di 1 | | 70 | (Base:Additive) |
| Dura-plate UHS | Ероху | 250 | 300 | 600 | 98 | 3.3 | No.13 | DNT | 4:1 |
| Dura-plate UHS | Ероху | 250 | 300 | 600 | 98 | 3.3 | No.13 | DNT | 4:1 |
| | | TOTAL | 600 | 1200 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|----------------|---------|-----------|-----------|---------|-----------|-------------------|---------|-----------|-------------------|--------------------|---------|-------------------|
| Product Name | Overcoa | ting Time | Full Cure | Overcoa | ting Time | Full Cure | Overcoa | ting Time | Full Cure | e Overcoating Time | | Full Cure |
| | min | max | Time | min | max | Time ² | min | max | Time ² | min | max | Time ² |
| Dura-plate UHS | | N/A | | 48 hr | 21 days | 10 days | 14 hr | 14 days | 4 days | 8 hr | 14 days | 24 hr |
| Dura-plate UHS | | N/A | | 48 hr | 21 days | 10 days | 14 hr | 14 days | 4 days | 8 hr | 14 days | 24 hr |

Notes

1. Dura-plate USH is NSF approved to Standard 61 for potable water (tanks of 1000 gallons (USA) or greater and pipes of 30" diameter or greater.)

2. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 3B |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|-----------------|--------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|---------------------|
| | | min | spec | max | | © Spee Bill | | 70 | (Base:Additive) |
| Dura-plate 301K | Ероху | 100 | 160 | 300 | 97 | 6.1 | TH03 | DNT | 3.3:1 |
| Dura-plate 301K | Ероху | 100 | 160 | 300 | 97 | 6.1 | TH03 | DNT | 3.3:1 |
| | | TOTAL | 320 | 600 | | | | | |

| | | 15°C | | | 25°C | | 40°C | | | |
|-------------------------------|-------|-----------|-------------------|-------|-----------|-------------------|------|-----------|-------------------|--|
| Product Name Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | | |
| | min | max | Time ² | min | max | Time ² | min | max | Time ² | |
| Dura-plate 301K | 24 hr | 15 days | 10 days | 16 hr | 8 days | 7 days | 8 hr | 5 days | 4 days | |
| Dura-plate 301K | 24 hr | 15 days | 10 days | 16 hr | 8 days | 7 days | 8 hr | 5 days | 4 days | |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr @ spec DFT | Mixing | Thinning % | Mix Ratio by Volume |
|-----------------|--------------|----------|------|-----|---------------------|--|--------|---------------|---------------------|
| | | min | spec | max | 00lld (70) | © 0000 DI 1 | | 70 | (Bacon laanto) |
| Dura-plate 301W | Ероху | 100 | 160 | 300 | 97 | 6.1 | No.3 | DNT | 7:3 |
| Dura-plate 301W | Ероху | 100 | 160 | 300 | 97 | 6.1 | No.3 | DNT | 7:3 |
| | | TOTAL | 320 | 600 | | | | | |

| | | 0°C | | | 10°C | | | 20°C | | | |
|-------------------------------|-------|-----------|-------------------|------------------|---------|-------------------|------------------|---------|-------------------|--|--|
| Product Name Overcoating Time | | ting Time | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | | |
| | min | max | Time ² | min | max | Time ² | min | max | Time ² | | |
| Dura-plate 301W | 48 hr | 6 month | 7 days | 24 hr | 6 month | 5 days | 8 hr | 6 month | 3 days | | |
| Dura-plate 301W | 48 hr | 6 month | 7 days | 24 hr | 6 month | 5 days | 8 hr | 6 month | 3 days | | |

1. Dura-plate 301K is for fair to warm climate use (typically >15°C). Dura-plate 301W is for cold to mild climate use (typically 0°C to 15°C).

2. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

| Coating System Refere | ence | TR0042 v.8 | System 3C | | | | | | | |
|---|--|------------|----------------|--------|-----|--------|----------------------------------|--------|---------------|---------------------|
| Surface Cleanliness | | Sa2½ accor | rding to ISO a | 8501-1 | | | | | | |
| Surface Roughness | urface Roughness Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 | | | | | | | | | |
| Product Name | Produ | ct Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
| | | | min | spec | max | | © 5960 DI 1 | Thinks | 70 | (Base:Additive) |
| Dura-plate 301K | Ероху | | 100 | 160 | 300 | 97 | 6.1 | No.3 | DNT | 3.3:1 |
| Dura-plate 301K Epoxy 100 160 300 | | | | | | 97 | 6.1 | No.3 | DNT | 3.3:1 |
| | | | TOTAL | 320 | 600 | | | | | |

| | | 15°C | | | 25°C | | | 40°C | | | |
|-------------------------------|-------|-----------|-------------------|-------|-----------|---------------------------|------|-----------|-------------------|--|--|
| Product Name Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Ill Cure Overcoating Time | | Full Cure | | | |
| | min | max | Time ² | min | max | Time ² | min | max | Time ² | | |
| Dura-plate 301K | 24 hr | 15 days | 10 days | 16 hr | 8 days | 7 days | 8 hr | 5 days | 4 days | | |
| Dura-plate 301K | 24 hr | 15 days | 10 days | 16 hr | 8 days | 7 days | 8 hr | 5 days | 4 days | | |

| Product Name | Product Type | | DFT (µm) | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume | |
|-----------------|--------------|-------|----------|-----|---------------------|---|--------|---------------|---------------------|--|
| | | min | spec | max | 00110 (70) | () () () () () () () () () () () () () (| | 70 | (Base:Additive) | |
| Dura-plate 301W | Ероху | 100 | 160 | 300 | 97 | 6.1 | No.3 | DNT | 7:3 | |
| Dura-plate 301W | Ероху | 100 | 160 | 300 | 97 | 6.1 | No.3 | DNT | 7:3 | |
| | | TOTAL | 320 | 600 | | | | | | |

| | | 0°C | | | 10°C 20°C | | | | |
|-----------------|------------------|---------|-------------------|------------------|-----------|-------------------|------------------|---------|-------------------|
| Product Name | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| | min | max | Time ² | min | max | Time ² | min | max | Time ² |
| Dura-plate 301W | 48 hr | 6 month | 7 days | 24 hr | 6 month | 5 days | 8 hr | 6 month | 3 days |
| Dura-plate 301W | 48 hr | 6 month | 7 days | 24 hr | 6 month | 5 days | 8 hr | 6 month | 3 days |

Notes

1. Dura-plate 301K is for fair to warm climate use (typically >15°C). Dura-plate 301W is for cold to mild climate use (typically 0°C to 15°C).

2. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

| Coating System Reference | TR0042 v.8 System 3D |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume (Base:Additive) | |
|--------------|----------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|--|--|
| | | min | spec | max | | @ Spec Di 1 | | 70 | (Buse:Additive) | |
| Epo-Phen FF | Epoxy Phenolic | 125 | 175 | 225 | 70 | 4.0 | No.50 | ≤ 15 | 4:1 | |
| Epo-Phen FF | Epoxy Phenolic | 125 | 175 | 225 | 70 | 4.0 | No.50 | ≤ 15 | 4:1 | |
| | | TOTAL | 350 | 450 | | | | | | |

| 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|---|-----|--|--|---|--|---|--|---|---|-----------|-------------------|
| Overcoating Time | | Full Cure | Overcoat | ting Time | Full Cure | Overcoating Time | | Full Cure Overcoa | | ting Time | Full Cure |
| min | max | Time | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ |
| | N/A | | 48 hr | 30 days | 21 days | 16 hr | 30 days | 7 days | 6 hr | 30 days | 3 days |
| N/A | | 48 hr | 30 days | 21 days | 16 hr | 30 days | 7 days | 6 hr | 30 days | 3 days | |
| 5°C Overcoating Time Full Cure min max Time N/A N/A | | vercoating TimeFull Cure TimeOvercoat minninmaxTimeminN/A48 hrN/A48 hr | vercoating TimeFull Cure TimeOvercoating TimeninmaxTimeminmaxN/A48 hr30 daysN/A48 hr30 days | Vercoating TimeFull Cure TimeOvercoating TimeFull Cure Time1ninmaxTimeminmaxTime1N/A48 hr30 days21 daysN/A48 hr30 days21 days | Vercoating TimeFull Cure TimeOvercoating TimeFull Cure Time^1Overcoating TimeninmaxTimeminmaxTime^1minN/A48 hr30 days21 days16 hrN/A48 hr30 days21 days16 hr | Vercoating TimeFull Cure TimeOvercoating TimeFull Cure TimeOvercoating TimeninmaxTimeminmaxTimeminmaxN/A \sqrt{A} 48 hr30 days21 days16 hr30 daysN/A48 hr30 days21 days16 hr30 days | Vercoating TimeFull Cure TimeOvercoating TimeFull Cure Time^1Overcoating TimeFull Cure Time^1ninmaxTimeminmaxTime^1minmaxTime^1N/A \sqrt{A} 48 hr30 days21 days16 hr30 days7 daysN/A48 hr30 days21 days16 hr30 days7 days | Vercoating TimeFull Cure TimeOvercoating TimeFull Cure Time^1Overcoating TimeFull Cure minOvercoating TimeFull Cure <br< td=""><td>Vercoative ninFull Cure TimeOvercoative TimeFull Cure TimeOvercoative TimeFull Cure minOvercoative TimeOvercoative TimeTimeOvercoative TimeN/AV/A48 hr30 days21 days16 hr30 days7 days6 hr30 daysN/A48 hr30 days21 days16 hr30 days7 days6 hr30 days</td></br<> | Vercoative ninFull Cure TimeOvercoative TimeFull Cure TimeOvercoative TimeFull Cure minOvercoative TimeOvercoative TimeTimeOvercoative TimeN/AV/A48 hr30 days21 days16 hr30 days7 days6 hr30 daysN/A48 hr30 days21 days16 hr30 days7 days6 hr30 days | | |

Notes

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

NR Not Applicable

| Coating System Reference | TR0042 v.8 System 3E |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume (Base:Additive) | |
|--------------|----------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|--|--|
| | | min | spec | max | | @ Spec Di 1 | | 70 | (Buse:Additive) | |
| Epo-Phen FF | Epoxy Phenolic | 125 | 175 | 225 | 70 | 4.0 | No.50 | ≤ 15 | 4:1 | |
| Epo-Phen FF | Epoxy Phenolic | 125 | 175 | 225 | 70 | 4.0 | No.50 | ≤ 15 | 4:1 | |
| | | TOTAL | 350 | 450 | | | | | | |

| 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------------|-----------------|---|------------------|---|---|---|--|---|---|---|--|
| Product Name Overcoating | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Full Cure Overcoating Time | | Full Cure |
| min | max | Time | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ |
| | N/A | | 48 hr | 30 days | 21 days | 16 hr | 30 days | 7 days | 6 hr | 30 days | 3 days |
| N/A | | 48 hr | 30 days | 21 days | 16 hr | 30 days | 7 days | 6 hr | 30 days | 3 days | |
| | Overcoat min | 5°C Overcoating Time Full Cure min max Time N/A N/A | | 5°C Second | 5°C 10°C Overcoating Time Full Cure Overcoating Time min max Time min max N/A 48 hr 30 days N/A 48 hr 30 days | 5°C10°COvercoating TimeFull CureOvercoating TimeFull CureminmaxTimeminmaxTime^1N/A48 hr30 days21 daysN/A48 hr30 days21 days | 5°C10°COvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeminmaxTimeminmaxTime^1min N/A \sqrt{A} 48 hr $30 days$ $21 days$ $16 hr$ N/A \sqrt{A} $48 hr$ $30 days$ $21 days$ $16 hr$ | 5°C $10°C$ $23°C$ Overcoating TimeFull CureOvercoating TimeFull CureOvercoating TimeminmaxTimeminmaxTime^1minmaxN/AV/A48 hr30 days21 days16 hr30 daysN/AVA48 hr30 days21 days16 hr30 days | 5°C $10°C$ $23°C$ Overcoating TimeFull Cure Overcoating TimeFull Cure Full CureOvercoating TimeFull Cure Full CureminmaxTimemaxTimeMaxTime^1MaxFull Cure | 5°C $10°C$ $23°C$ OvercoardOvercoartTimeOvercoartFull CureFull CureFull CureFull CureOvercoartminmaxTimemaxTimeTimeMaxTimeMaxTimeMaxN/AV/A48 hr30 days21 days16 hr30 days7 days6 hrN/AVA48 hr30 days21 days16 hr30 days7 days6 hr | 5°C $10°C$ $23°C$ $40°C$ Overcoating TimeFull CureOvercoating TimeFull CureFull CureOvercoating TimeFull CureOvercoating TimeImaxminmaxTimemaxTimeTimeMaxTimeMaxTimeMaxN/AV/A48 hr30 days21 days16 hr30 days7 days6 hr30 daysN/AVA48 hr30 days21 days16 hr30 days7 days6 hr30 days |

Notes

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 3F |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume (Base: Additive) | |
|----------------|---------------|----------|------|------|---------------------|----------------------------------|--------|---------------|---|--|
| | | min | spec | max | | © 5000 DI 1 | | 70 | (Base:Additive) | |
| Nova-plate 325 | Epoxy Novolac | 500 | 500 | 1000 | 98 | 2.0 | No.13 | DNT | 2:1 | |
| | | TOTAL | 500 | 1000 | | | | | | |

| | | 5°C | | | 10°C | | | 23°C | | 40°C | | |
|------------------------------|-------------------------|----------------|------------------|------------------|-------------------|-----------------|------------------|-------------------|-----------|---------|-------------------|-------|
| Product Name | Overcoating Time Full (| | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoa | Overcoating Time | |
| min max | | Time | min | max | Time ² | min | max | Time ² | min | max | Time ² | |
| Nova-plate 325 | | N/A | | 6.5 hr | 21 days | 14 days | 2.5 hr | 21 days | 24 hr | 1 hr | 9 days | 24 hr |
| Notes | | | | | | | | | | | | |
| 1. Nova-plate 325 is to be | applied using r | plural compor | nent airless spr | ay equipment | • | | | | | | | |
| 2. The time stated refers to | cure-to-servic | ce. For handli | ng times pleas | e see individu | al Product Ter | chnical Data Sł | neet. | | | | | |
| N/A Not Applicable | | | | | | | | | | | | |
| DNT Do Not Thin | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 3G |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume | |
|-----------------|-------------------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|---------------------|--|
| | | min | spec | max | 00114 (70) | © 3960 DI 1 | | 70 | (2000) (2000) | |
| Zinc Clad II/EU | Inorganic Zinc Silicate | 50 | 75 | 100 | 62 | 8.3 | No.2 | ≤ 10 | 14.1 ltr : 33.1 kg | |
| | | TOTAL | 75 | 100 | | | | | | |

| | 5°C | | | 10°C ¹ | | | | 23°C ¹ | | 40°C ¹ | | |
|---|-----|------------------------|----------------------|--------------------|------------------------|----------------------|--------------------|------------------------|----------------------|--------------------|------------------------|----------------------|
| Product Name Overcoating Time Full Cure | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoa | ting Time | Full Cure | |
| min max Ti | | Time ⁴ | min | max | Time ⁴ | min | max | Time ⁴ | min | max | Time ⁴ | |
| Zinc Clad II/EU | 2 | Unlimited ³ | 14 days ² | 48 hr ² | Unlimited ³ | 14 days ² | 18 hr ² | Unlimited ³ | 14 days ² | 18 hr ² | Unlimited ³ | 14 days ² |
| | | | | | | | | | | | | |

Notes

1. Overcoating and Full Cure Times are based on a Relative Humidity level of 50%.

2. Minimum Overcoating and Full Cure Time to be confirmed by carrying out 50 MEK double rubs. No zinc or only slight traces should be visible. Coin hardness test can also

be used.

3. Maximum Overcoating time is "Unlimited" providing any salting on the zinc surface due to weathering exposure is fully removed prior to topcoating.

4. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

| Coating System Reference | TR0042 v.8 System 4A Exposed |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume (Base:Additive) | |
|--------------------|-----------------|----------|---------------|---------|------------|----------------------------------|---------|---------------|--|--|
| | | min | spec | max | 50lid (76) | | THILLET | 70 | (Base.Additive) | |
| Macropoxy L425 | Ероху | 50 | 75 | 125 | 60 | 8.0 | No.5 | NR | 4:1 | |
| Epidek M153 | Epoxy Anti-slip | 2000 | 2925 | 3500 | 95 | 0.3 | No.5 | NR | 3.7:2.4 | |
| Epidek M153D Heavy | Aggregate | 1.4 - 2 | 2.8 mm partic | le size | N/A | 8.5 kg / m² | N/A | N/A | N/A | |
| | | TOTAL | 3000 | 3625 | | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|--|-----------|-----------|------------------|-------------------|-----------|------------------|-------------------|-----------|------------------|-------------------|-----------|
| Product Name | Product Name Overcoating Time Full Cur | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| | min max Time ¹ | | min | max | Time ¹ | min max | | Time ¹ | min | max | Time ¹ | |
| Macropoxy L425 | 10 hr | Unlimited | 7 days | 7 hr | Unlimited | 4 days | 4 hr | Unlimited | 3 days | 2.5 hr | Unlimited | 2 days |
| Epidek M153 | 8 hr | Unlimited | 7 days | 7 hr | Unlimited | 4 days | 5 hr | Unlimited | 3 days | 2 hr | Unlimited | 2 days |
| Epidek M153D Heavy | N/A | | | N/A | | | N/A | | | N/A | | |

Notes

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

NR Not Required

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 4B Unexposed |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume (Base:Additive) | |
|--------------------|-----------------|----------|---------------|---------|------------|----------------------------------|---------|---------------|--|--|
| | | min | spec | max | 50lid (76) | | THILLET | 70 | (Base.Additive) | |
| Macropoxy L425 | Ероху | 50 | 75 | 125 | 60 | 8.0 | No.5 | NR | 4:1 | |
| Epidek M153 | Epoxy Anti-slip | 2000 | 1725 | 3500 | 95 | 0.6 | No.5 | NR | 3.7:2.4 | |
| Epidek M153D Heavy | Aggregate | 1.4 - 2 | 2.8 mm partic | le size | N/A | 8.5 kg / m² | N/A | N/A | N/A | |
| | | TOTAL | 1800 | 3625 | | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|---|-----------|-----------|------------------|-------------------|-----------|------------------|-------------------|-----------|------------------|-------------------|-----------|
| Product Name | Product Name Overcoating Time Full Cure | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| | min max Time ¹ | | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ | |
| Macropoxy L425 | 10 hr | Unlimited | 7 days | 7 hr | Unlimited | 4 days | 4 hr | Unlimited | 3 days | 2.5 hr | Unlimited | 2 days |
| Epidek M153 | 8 hr | Unlimited | 7 days | 7 hr | Unlimited | 4 days | 5 hr | Unlimited | 3 days | 2 hr | Unlimited | 2 days |
| Epidek M153D Heavy | N/A | | | N/A | | | N/A | | | N/A | | |

Notes

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

NR Not Required

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 5A - Carbon steel to receive Epoxy Passive Fire Protection ³ |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning | Mix Ratio by Volume | |
|-----------------|-----------------|----------|-------|-----------|---------------------|----------------------------------|---------|----------|---------------------|--|
| | | min | spec | max | 50lia (76) | | THILLET | 70 | (Base.Additive) | |
| Zinc Clad IV | Epoxy Zinc Rich | 50 | 75 | 75 100 68 | | 9.1 | No.13 | ≤ 5 | 8:1 | |
| Macropoxy L574 | Ероху | 25 | 25 35 | | 29 | 11.6 | No.5 | NR | 4:1 | |
| Epoxy based PFP | | | | | | | | | | |
| Macropoxy 646 | Ероху | 50 | 50 | 100 | 72 | 14.2 | No.50 | ≤ 10 | 1:1 | |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 9 | NR | NR | 4:1 | |
| | | TOTAL | | | | | | | | |

| 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|---------------------------|---------------------------------|---|---|--|---|--|---|--|--|--|--|
| Overcoating Time Full Cur | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| min | max | Time ² | min | max | Time ² | min | max | Time ² | min | max | Time ² |
| 6 hr | Unlimited ¹ | 10 days | 5 hr | Unlimited ¹ | 10 days | 4 hr | Unlimited ¹ | 10 days | 2 hr | Unlimited ¹ | 7-10 days |
| 6 hr | Unlimited | 1 hr | 5 hr | Unlimited | 45 mins | 3 hr | Unlimited | 20 mins | 1.5 hr | Unlimited | 10 mins |
| | Overcoat min 6 hr 6 hr | 5°C Overcoating Time min max 6 hr Unlimited ¹ 6 hr Unlimited | 5°COvercoating TimeFull CureminmaxTime ²6 hrUnlimited 110 days6 hrUnlimited 11 hr | 5°COvercoating TimeFull CureOvercoating TimeminmaxTime 2min6 hrUnlimited 110 days5 hr6 hrUnlimited1 hr5 hr | 5°C10°COvercoating TimeFull CureOvercoating TimeminmaxTime 2 minmax6 hrUnlimited 1 10 days5 hrUnlimited 1 6 hrUnlimited1 hr5 hrUnlimited | $5^{\circ}C$ $10^{\circ}C$ Overcoating TimeFull CureOvercoating TimeFull CureminmaxTime 2minmaxTime 26 hrUnlimited 110 days5 hrUnlimited 110 days6 hrUnlimited1 hr5 hrUnlimited 145 mins | $5^{\circ}C$ $10^{\circ}C$ Overcoating TimeFull CureOvercoating TimeFull CureOvercoating TimeminmaxTime 2minmaxTime 2min6 hrUnlimited 110 days5 hrUnlimited 110 days4 hr6 hrUnlimited1 hr5 hrUnlimited 145 mins3 hr | 5°C10°C23°COvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeminmaxTime 2minmaxTime 2minmax6 hrUnlimited 110 days5 hrUnlimited 110 days4 hrUnlimited 16 hrUnlimited1 hr5 hrUnlimited 145 mins3 hrUnlimited 1 | 5°C $10^{\circ}C$ $23^{\circ}C$ Overcoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureminmaxTime 2minmaxTime 2minmaxTime 26 hrUnlimited 110 days5 hrUnlimited 110 days4 hrUnlimited 110 days6 hrUnlimited1 hr5 hrUnlimited45 mins3 hrUnlimited 120 mins | 5°C $10°C$ $23°C$ Overcoating TimeFull CureOvercoating TimeFull CureFull CureOvercoating TimeFull CureFull CureFull CureFull CureFull CureFull CureFull CureFull CureFull CureFull Cure <th< td=""><td>5°C40°COvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeOvercoating TimeOvercoating TimeFull CureOvercoating TimeOvercoating TimeFull CureOvercoating TimeOvercoating Time</td></th<> | 5°C40°COvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeFull CureOvercoating TimeOvercoating TimeOvercoating TimeFull CureOvercoating TimeOvercoating TimeFull CureOvercoating TimeOvercoating Time |

1. Maximum Overcoating time is "Unlimited" providing any salting on the zinc surface due to weathering exposure is fully removed prior to topcoating.

2. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

3. A tie coat of Macropoxy 646 should be applied at 50 microns when applying a topcoat of Sherloxane 800

NR Not Required

| Coating System Reference | TR0042 v.8 System 6A- Uninsulated stainless steel |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (25μm to 85μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|----------------|--------------|----------|------|-----|------------|----------------------------------|---------|---------------|---------------------|
| | | min | spec | max | 50lid (76) | Spec Di I | THILLET | 70 | (Base.Additive) |
| Macropoxy L425 | Ероху | 50 | 50 | 100 | 60 | 12.0 | No.5 | NR | 4:1 |
| Macropoxy 646 | Ероху | 100 | 100 | 300 | 72 | 7.2 | No.50 | NR | 1:1 |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 9 | NR | NR | 4:1 |
| | | TOTAL | 250 | 550 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|
| Product Name | Overcoating Time | | Full Cure |
| | min | max | Time |
| Macropoxy L425 | 10 hr | Unlimited | 7 days | 7 hr | Unlimited | 4 days | 4 hr | Unlimited | 3 days | 2.5 hr | Unlimited | 2 days |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 1 day |
| Sherloxane 800 | 16hrs | 90d | 8d | 10 hrs | 90d | 8d | 3hrs | 90d | 7d | 1.5hrs | 90d | 3d |
| N/A Not Applicable | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 6B - Hot Dipped galvanised steel |
|--------------------------|--|
| Surface Cleanliness | Cleanining with Alkaline detergent followed by hosing with fresh water and sweep blast |
| Surface Roughness | n/a |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|----------------|--------------|----------|------|-----|------------|----------------------------------|--------|---------------|---------------------|
| | | min | spec | max | 50lid (76) | | | 70 | (Base.Additive) |
| Macropoxy L425 | Ероху | 50 | 50 | 100 | 60 | 12.0 | No.5 | ≤ 5 | 4:1 |
| Macropoxy 646 | Ероху | 100 | 100 | 300 | 72 | 7.2 | No.50 | ≤ 5 | 1:1 |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 9 | NR | NR | 4:1 |
| | | TOTAL | 250 | 550 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|
| Product Name | Overcoating Time | | Full Cure |
| | min | max | Time |
| Macropoxy L425 | 10 hr | Unlimited | 7 days | 7 hr | Unlimited | 4 days | 4 hr | Unlimited | 3 days | 2.5 hr | Unlimited | 2 days |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 1 day |
| Sherloxane 800 | 16hrs | 90d | 8d | 10 hrs | 90d | 8d | 3hrs | 90d | 7d | 1.5hrs | 90d | 3d |
| N/A Not Applicable | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 6C |
|--------------------------|--|
| Surface Cleanliness | Sweep blasting with non-metallic and chloride free grit. |
| Surface Roughness | 25µm to 85µm |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|--------------|----------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|---------------------|
| | | min | spec | max | | @ Spec DI 1 | | 70 | (Base:Additive) |
| Epo-Phen FF | Epoxy Phenolic | 125 | 125 | 175 | 70 | 5.6 | No.50 | ≤ 15 | 4:1 |
| Epo-Phen FF | Epoxy Phenolic | 125 | 125 | 175 | 70 | 5.6 | No.50 | ≤ 15 | 4:1 |
| | | TOTAL | 250 | 350 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------|----------------------------|-----|------------------|---------|-----------|-------------------|---------|-----------|----------------------------|---------|-----------|-------------------|
| Product Name | Overcoating Time Full Cure | | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Full Cure Overcoating Time | | Full Cure | |
| | min | max | Time | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ |
| Epo-Phen FF | N/A | | 48 hr | 30 days | 21 days | 16 hr | 30 days | 7 days | 6 hr | 30 days | 3 days | |
| Epo-Phen FF | N/A | | 48 hr | 30 days | 21 days | 16 hr | 30 days | 7 days | 6 hr | 30 days | 3 days | |
| | | | | | | | | | | | | |

Notes

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 7A |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr @ spec DET | Mixing Thinner | Thinning % | Mix Ratio (Base: Additive) | |
|---------------|-------------------------|----------|------|------|---------------------|--|-------------------|---------------|-------------------------------|--|
| | | min | spec | max | | © Spee Di i | | 70 | (Ducon luulit o) | |
| Magnalux 41V2 | Vinyl Ester Glass Flake | 500 | 750 | 1000 | 85 ¹ | 1.1 | 13 | DNT | 50:1 by weight | |
| Magnalux 41V2 | Vinyl Ester Glass Flake | 500 | 750 | 1000 | 85 ¹ | 1.1 | 13 | DNT | 50:1 by weight | |
| | | TOTAL | 1500 | 2000 | | | | | | |

| | | 5°C | | | 10°C | | | 23°C | | 40°C | | |
|---------------------|------|-----------|-------------------|---------|------------------|-------------------|------------------|-----------|-----------------------|------|-----------|-------------------|
| Product Name Overco | | ting Time | Full Cure | Overcoa | Overcoating Time | | Overcoating Time | | Full Cure Overcoating | | ting Time | Full Cure |
| | min | max | Time ² | min | max | Time ² | min | max | Time ² | min | max | Time ² |
| Magnalux 41V2 | 6 hr | Unlimited | 7 days | 4 hr | Unlimited | 4 days | 2.5 hr | Unlimited | 3 days | 1 hr | Unlimited | 2 days |
| Magnalux 41V2 | 6 hr | Unlimited | 7 days | 4 hr | Unlimited | 4 days | 2.5 hr | Unlimited | 3 days | 1 hr | Unlimited | 2 days |

Notes

1. Theoretical 98% at time of mixing. Practical typically 85% ± 5%. All vinyl/polyester resin systems are subject to monomer loss and material shrinkage during application and curing

2. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

| Coating System Reference | TR0042 v.8 System 7B |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing Thinner | Thinning % | Mix Ratio by Volume | |
|----------------|-------------------|----------|------|------|---------------------|----------------------------------|-------------------|---------------|---------------------|--|
| | | min | spec | max | 50lid (76) | | THILLET | 70 | (Base.Additive) | |
| Масгороху М922 | Epoxy Glass Flake | 175 | 175 | 500 | 83 | 4.7 | No.9 | NR | 4:1 | |
| Масгороху М922 | Epoxy Glass Flake | 175 | 175 | 500 | 83 | 4.7 | No.9 | NR | 4:1 | |
| | | TOTAL | 350 | 1000 | | | | | | |

| 5°C | | | | 10°C | | | 23°C | | 40°C | | | |
|-------------------------------|------|-----------|-------------------|------|-----------|-------------------|------|-----------|-------------------|------|-----------|-------------------|
| Product Name Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min | max | Time ¹ |
| Macropoxy M922 | 6 hr | Unlimited | 7 days | 5 hr | Unlimited | 4 days | 3 hr | Unlimited | 3 days | 1 hr | Unlimited | 2 days |
| Macropoxy M922 | 6 hr | Unlimited | 7 days | 5 hr | Unlimited | 4 days | 3 hr | Unlimited | 3 days | 1 hr | Unlimited | 2 days |

Notes

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

NR Not Required

| Coating System Reference | TR0042 v.8 System 7C(i) Temperatures up to 80ºC |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume | |
|----------------|-------------------|----------|------|------|---------------------|----------------------------------|--------|---------------|---------------------|--|
| | | min | spec | max | 50lid (76) | | | 70 | (Base:Additive) | |
| Macropoxy M922 | Epoxy Glass Flake | 175 | 175 | 500 | 83 | 4.7 | No.9 | NR | 4:1 | |
| Macropoxy M922 | Epoxy Glass Flake | 175 | 175 | 500 | 83 | 4.7 | No.9 | NR | 4:1 | |
| | | TOTAL | 350 | 1000 | | | | | | |

| 5°C | | | | | 10°C | | | 23°C | | 40°C | | |
|-------------------------------|------|-----------|-------------------|------|-----------|-------------------|------|-----------|-------------------|------|-----------|-------------------|
| Product Name Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min | max | Time ¹ |
| Macropoxy M922 | 6 hr | Unlimited | 7 days | 5 hr | Unlimited | 4 days | 3 hr | Unlimited | 3 days | 1 hr | Unlimited | 2 days |
| Macropoxy M922 | 6 hr | Unlimited | 7 days | 5 hr | Unlimited | 4 days | 3 hr | Unlimited | 3 days | 1 hr | Unlimited | 2 days |

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

NR Not Required

| Coating System Reference | TR0042 v.8 System 7C (ii) Temperatures up to 99C |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume |
|--------------|---------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|---------------------|
| | | min | spec | max | | © 5960 DI 1 | THINK | 70 | (Base:Additive) |
| Epo-Phen FF | Epoxy Novalac | 175 | 175 | 225 | 70 | 4.0 | 50 | DNT | 4:1 |
| Epo-Phen FF | Epoxy Novalac | 175 | 175 | 225 | 70 | 4.0 | 50 | DNT | 4:1 |
| | | TOTAL | 350 | 450 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|--------------------|---|------|-----------|------------------|---------|-----------|------------------|---------|-----------|------------------|---------|-----------|
| Product Name | Product Name Overcoating Time Full Cure | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| min max | | Time | min | max | Time | min | max | Time | min | max | Time | |
| Epo-Phen FF | N/A | | 48 hrs | 30 days | 21 days | 16 hrs | 30 days | 7 days | 6 hr | 30 days | 3 days | |
| Epo-Phen FF | | N/A | | 48 hrs | 30 days | 21 days | 16 hrs | 30 days | 7 days | 6 hr | 30 days | 3 days |
| <u>Notes</u> | | | | | | | | | | | | |
| N/A Not Applicable | | | | | | | | | | | | |
| DNT Do Not Thin | | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 7C (iii) Temperatures up to 140C |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing Thinner | Thinning % | Mix Ratio by Volume |
|----------------|---------------|----------|------|------|---------------------|----------------------------------|-------------------|---------------|---------------------|
| | | min | spec | max | | @ Spec Di 1 | | 70 | (Base.Additive) |
| Nova-plate UHS | Epoxy Novalac | 175 | 175 | 500 | 98 | 5.6 | 13 | DNT | 4:1 |
| Nova-plate UHS | Epoxy Novalac | 175 | 175 | 500 | 98 | 5.6 | 13 | DNT | 4:1 |
| | | TOTAL | 350 | 1000 | | | | | |

| | | 5°C | | 10°C ¹ | | | | 23°C ¹ | | | | |
|---|-----|-----------|------------------|-------------------|-----------|-------------------|-------|-------------------|-------------------|------|-----------|-------------------|
| Product Name Overcoating Time Full Cure | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min | max | Time | min | max | Time ² | min | max | Time ² | min | max | Time ² |
| Nova-plate UHS | | N/A | | 36 hr | 21 days | 7 days | 14 hr | 21 days | 5 days | 6 hr | 14 days | 5 days |
| Nova-plate UHS | | N/A | | 36 hr | 21 days | 14 hr | 3 hr | 21 days | 5 days | 6 hr | 14 days | 5 days |

1. Overcoating and Full Cure Times are based on the use of Nova-plate UHS Standard Hardener (ref: B62V221)

2. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 7C (iv) Temperatures up to 180C |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume | |
|----------------|---------------|----------|------|-----|---------------------|----------------------------------|--------|---------------|---------------------|--|
| | | min | spec | max | | Spec Di I | | 70 | (BuselAdditive) | |
| Nova-plate 325 | Epoxy Novalac | 175 | 175 | 350 | 98 | 5.6 | No.13 | DNT | 2:1 | |
| Nova-plate 325 | Epoxy Novalac | 175 | 175 | 350 | 98 | 5.6 | No.13 | DNT | 2:1 | |
| | | TOTAL | 350 | 700 | | | | | | |

| | 5°C | | | | 10°C | | | 23°C | | 40°C | | |
|----------------------------------|-----|-----------|------------------|---------|-----------|-------------------|---------|-----------|-------------------|---------|-----------|-------------------|
| Product Name Overcoating Time Fu | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min | max | Time | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ |
| Nova-plate 325 | | N/A | | 6.5 hrs | 21 days | 14 days | 2.5 hrs | 21 days | 24 hours | 1.5 hrs | 9 days | 24 hours |
| Nova-plate 325 | | N/A | | 6.5 hrs | 21 days | 14 days | 2.5 hrs | 21 days | 24 hours | 1.5 hrs | 9 days | 24 hours |

1. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.

N/A Not Applicable

| Coating System Reference | TR0042 v.8 System 8 |
|--------------------------|---|
| Surface Cleanliness | Sa2 ¹ / ₂ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 80μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume Solid (%) | Theoretical m ² / ltr | Mixing | Thinning | Mix Ratio by Volume |
|---------------|--------------|----------|------|-----|---------------------|----------------------------------|---------|----------|---------------------|
| | | min | spec | max | 30liu (76) | | THILLET | 70 | (Base.Additive) |
| Macropoxy 646 | Ероху | 150 | 150 | 250 | 72 | 4.8 | No.50 | ≤ 10 | 1:1 |
| | | TOTAL | 150 | 250 | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|-------------------------------|---|-----------|------------------|-------|-------------------|------------------|------|-------------------|------------------|--------|-------------------|--------|
| Product Name Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | |
| | min max Time ¹ | | min | max | Time ¹ | min | max | Time ¹ | min | max | Time ¹ | |
| Macropoxy 646 | 48 hr | 1 year | 10 days | 24 hr | 1 year | 8 days | 8 hr | 1 year | 7 days | 4.5 hr | 1 year | 4 days |
| <u>Notes</u> | | | | | | | | | | | | |
| 1. The time stated refers to | . The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet. | | | | | | | | | | | |

| Coating System Reference | TR0042 v.8 System 9 |
|--------------------------|---|
| Surface Cleanliness | Sa2½ according to ISO 8501-1 |
| Surface Roughness | Grade Medium G (50μm to 85μm, R _{y5}) according to ISO 8503 |

| Product Name | Product Type | DFT (µm) | | | Volume | Theoretical m ² / ltr | Mixing | Thinning % | Mix Ratio by Volume | |
|--------------------------------|-------------------|----------|------|-----|------------|----------------------------------|--------|---------------|----------------------|--|
| | | min | spec | max | 30liu (76) | | | 70 | (Base.Additive) | |
| Zinc Clad II/EU Inorganic Zinc | | 60 | 60 | 125 | 62 | 7.75 | No.4 | ≤ 5 | 9.9Kgs : 3.43 litres | |
| Macropoxy 646 | Epoxy (Mist coat) | n/a | n/a | n/a | 72 | n/a | No.50 | ≤ 10 | 1:1 | |
| Macropoxy 646 | Ероху | 100 | 140 | 250 | 72 | 5.9 | No.50 | ≤ 5 | 1:1 | |
| Sherloxane 800 | Polysiloxane | 100 | 100 | 150 | 90 | 9 | NR | NR | 4:1 | |
| | | TOTAL | 300 | 600 | | | | | | |

| | 5°C | | | 10°C | | | | 23°C | | 40°C | | |
|-------------------------------|-------|------------------------|----------------------|--------------------|------------------------|--------------------------|--------------------|------------------------|----------------------|--------------------|------------------------|----------------------|
| Product Name Overcoating Time | | ting Time | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure | Overcoating Time | | Full Cure |
| min max Time ¹ | | Time ¹ | min | max | Time ¹ | ime ¹ min max | | Time ¹ | min | max | Time ¹ | |
| Zinc Clad II/EU | 2 | Unlimited ³ | 14 days ⁴ | 48 hr ² | Unlimited ³ | 14 days ⁴ | 18 hr ² | Unlimited ³ | 14 days ⁴ | 18 hr ² | Unlimited ³ | 14 days ⁴ |
| Macropoxy 646 | 48hrs | 1 year | 10 days | 24hrs | 1 year | 8 days | 8hrs | 1 year | 7 days | 4.5hrs | 1 year | 1 day |
| Sherloxane 800 | 16hrs | 90d | 8d | 10 hrs | 90d | 8d | 3hrs | 90d | 7d | 1.5hrs | 90d | 3d |

Notes

1. Overcoating and Full Cure Times are based on a Relative Humidity level of 50%.

2. Minimum Overcoating and Full Cure Time to be confirmed by carrying out 50 MEK double rubs. No zinc or only slight traces should be visible. Coin hardness test can also

be used.

3. Maximum Overcoating time is "Unlimited" providing any salting on the zinc surface due to weathering exposure is fully removed prior to topcoating.

4. The time stated refers to cure-to-service. For handling times please see individual Product Technical Data Sheet.