

HOME FURNITURE

PRODUCT
SELECTION GUIDE

SHERWIN-WILLIAMS®

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Product Selection Guide for Home Furniture





Sherwin-Williams furniture finishes

Sherwin-Williams helps furniture manufacturers across the globe make their residential and commercial pieces more beautiful, more durable and more sought after.

Through Sherwin-Williams, finishers have access to industry-leading technologies for wood and environmentally adaptive products. Regardless of location or substrate, finishers benefit from local consultative services and support backed by the strength of a global organization.

Merging the best of design and function, furniture has the power to transform any space. Whether you are finishing furnishings for residential, commercial or institutional functionality, Sherwin-Williams provides coatings solutions that combine the aesthetic, performance and process functionality to meet and exceed your expectations.

Through our global wood finishing brand we are able to provide the full offering of wood finishing technologies – customized to meet your specific needs and preferences. From

our leadership position in UV- and LED-curable coatings, to our extensive offering of waterborne finishes, our focus has long been on the development of innovative technologies that further what finishers can do with wood. Sherwin-Williams also offers liquid and powder coatings for the range of interior and exterior furnishings manufactured with metal and plastic and will develop synergistic systems for those manufacturing across the spectrum of substrates.

Solely dedicated to wood finishes designed for industrial use, we remain focused on ensuring our coating systems help speed production, improve throughput and ensure consistency in appearance and film performance. Our products are backed by a dedication to providing local and personalized support — on a global scale.

Prime benefits

- High-quality finish and surface resistance
- Requires minimal or no investment
- Negligible amounts of organic solvents – no harmful emissions
- Greatly reduce risk of skin irritation and allergies

Product types

Beds, chairs, cupboards, tables, details and wardrobes

Solutions

Waterborne, waterborne UV and UV, High solid PU and AC systems

Substrates

Wood, veneer, MDF, board, paper-coated chipboard

Application

Spray-, roller-, curtain-, vacuum-coating, dipping, electro-static application

Sherwin-Williams

Waterborne products

| Product name | Product family | Description |
|--|----------------|---|
| Waterborne pigmented primers and topcoats | | |
| Laqva Prime | ED1225 | Full-bodied primer with very good levelling. In combination with WB/WBUV topcoat this primer gives good mechanical properties and good appearances. Function also with acid catalyzed topcoats without causing problems as wrinkling and bubble formation. Very easy to sand with brushes. Need two layer to reach highest appearance. |
| Laqva Prime | ED1226 | Full-bodied primer with good levelling. Due to its composition it also provides optimal Furniture Facts. In combination with WB /WBUV topcoat this is one of the better primer considering good mechanical properties. Fast drying and with good stackability. Needs tough sanding to get best result. Can be used with good results both as one and two layer primer. Provides very good adhesion to UV sealers and different types of substrates. |
| Laqva Prime | ED1231 | Fast drying primer with good flow. Perfect product to use for fast lines and high application amount since the product dries very fast and has very high resistance against mudcracking. To be used in combination with WB and WBUV topcoats. Can be applied both in vacuum coater and by spraying. |
| Laqva Prime | ED1250 | High build, overcoatable with both AC and WB topcoats. Good film forming on tough substrates. Good water resistance. Usable both on flat surfaces and on edges. Very universal product that function on most types of substrates and applications. Needs a bit longer drying before stacking. |
| Lacroma Proof | ED1635 | Primer with very good levelling that provides a very high knot yellowing resistance. Due to its composition extra care needs to be taken to make sure that you do not mix with std. WB materials due to the high risk of flocculation. Not suitable for fast lines or early stacking. |
| Laqva Prime | ED701 | High build, overcoatable with both AC and WB topcoats. Good film forming on tough substrates. Good water resistance. Usable both on flat surfaces and on edges. |
| IDRO-CEOFOND | ED0109-9009 | One/two pack sealer with excellent sandability, very good filling power and very good insulating properties as a two pack system. |
| — | EF4502-9001 | Two-pack sealer with good covering power and very good sandability. |
| AQUASTAR-Filler | ED3000 | Waterborne one component primer with properties such as good filling power, with excellent levelling, good cold check resistance and good adhesion on different substrates. |
| AQUASTAR-Filler | ED3003 | High viscosity WB primer with good filling properties and excellent flow. The increased thixotropic behaviour makes it good for edges and 3D objects. Provides good cold-check resistance and adhesion to different substrates. |
| AQUATOPSTAR-Filler | EF3011 | Two component white primer with good filling power combined with excellent levelling, good isolating properties on MDF and cold check resistance, good adhesion on different substrates and outstanding sanding properties. |
| Laqva Top | EG1322 | Edge topcoat developed for coating of ABS edges. Gives improved adhesion on ABS compared with std. materials. Always check the adhesion since it varies between different suppliers of ABS. |
| Laqva Top | EG1351 | General purpose topcoat. Good filling properties, chemical resistance and appearance. Good adhesion to most substrates and primers. |
| Laqva Top | EG1353 | WB topcoat. Fast drying with good stackability and scratch resistance. Good filling properties, chemical resistance and appearance. Adhesion to most substrates and primers. |
| Laqva Top | EG1380 | Low VOC WB topcoat with very fast drying and good stackability. Good filling properties. Limitation in scratch resistance makes it less suitable for surfaces with a need for high wear resistance. |
| IDRO-CEOPAL | EH0111-9011 | One/two component multicoat with good pore wetting and definition. Excellent insulating and hiding power. |
| IDRO-CEOPAL | EG0532-903 | One component converter with good chemical resistance and very good surface hardness. |
| — | EH4120-9001 | Two component topcoat with good surface feel, very good covering power and surface hardness. |
| AQUASTAR-GlasColor | EG3001 | Waterborne one component lacquer with excellent adhesion on glass and very good scratch resistance. The cured film meets the requirements of DIN 68861 (resistance against chemical influence), demands group 1C. |
| AQUATOPSTAR-Color | EH3000 | Waterborne two component pigmented PU lacquer with fast drying speed for industrial use. Mixing ratio 5:1 EV3000. |

Application methods

LPS – Low pressure spraying
 HPS – High pressure spraying
 CC – Curtain coater

ES – Electrostatic application
 RC – Roller coater
 VC – Vacuum coater

Substrates:

1 – MDF - HDF
 2 – Chipboard
 3 – Melamine covered chipboard
 4 – Hard wood
 5 – Soft wood
 6 – UV-primer or sealer
 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Relative drying speed | Application method | Substrate |
|--|------------------------|-----------|------------|--------------|-----------------------|--------------------|--------------|
| | 50 – 57 | 53 – 57 | Flat | C | 8 | HPS | 1, 3 – 6 |
| | 48 – 53 | 56 – 60 | Flat | C | 7 | HPS | 1, 3 – 6 |
| | 50 – 55 | 22 – 28 | Flat | – | 9 | HPS | 1, 3, 4, 6 |
| | 54 | 81 | Flat | – | 5 | HPS | 1, 3 – 6 |
| | 44 – 46 | 112 – 114 | Flat | – | 3 | HPS | 1, 3 – 6 |
| | 49 – 51 | 29 – 40 | Flat | – | 5 | HPS | 1, 3 – 6 |
| | 56 | 76 | – | – | – | LPS–HPS | 1 – 2, 4 – 5 |
| | 55 | 56 | – | – | – | LPS–HPS | 1 – 2 |
| | 46 | 116 | Flat | – | – | HPS | 3 |
| | 43 | 117 | Flat | – | – | HPS | 1,3 |
| | 53 | 95 | Flat | – | – | HPS | 1, 3 |
| | 46 – 49 | 25 – 36 | 2 – 50 | – | 7 | HPS | 1, 3 – 6 |
| | 27 – 50 | 30 – 72 | 10 – 70 | A + C | 6 | HPS | 1, 3 – 6 |
| | 31 – 42 | 21 – 31 | 10 – 70 | C | 7 | HPS, CC | 1, 3 – 6 |
| | 37 – 52 | 12 – 18 | 20, 30 | C | 8 | HPS | 1, 3 – 6 |
| | 43 | 74 | 10 | white | – | LPS–HPS | 3 – 6 |
| | 37 | 69 | 15, 30, 50 | white | – | LPS–HPS–ES | 3 – 6 |
| | 44 | 49 | 20, 30 | white | – | LPS–CC | 3 – 6 |
| | 34 – 48 | 39 | 20 – 25 | clear | – | HPS | glass |
| | 50 – 55 | 50 | 20 | white, clear | – | HPS | 3 |

Sherwin-Williams Waterborne UV products



| Product name | Product family | Description |
|---|----------------|--|
| Waterborne UV pigmented topcoats | | |
| Aqualight Top | WH1653 | Waterborne UV topcoat for furniture in white and off white colours. Gives a hard and tough surface with great chemical and mechanical resistance. |
| Aqualight Top | WH1665 | Waterborne UV topcoat for furniture in white and off white colours. Gives a hard and tough surface with great chemical and mechanical resistance. Gives homogeneous gloss at very low glosses. Conceals to a high degree underlying sanding marks. |
| Aqualight Top | WH1671 | Topcoat that provides the ability to tint most shades with YZ1600 pastes. Tinting database available. Fast drying and good chemical resistance. |
| AQUACOLOR-UV | WH3015 | Topcoat that provides the ability to tint most shades with 095/ pastes. Tinting database available. Fast drying and good chemical resistance. |
| AQUACOLOR-UV | WH3016 | High end waterborne UV topcoat in white and off white with good filling properties and excellent chemical and mechanical resistance. |



Application methods

- LPS – Low pressure spraying
- HPS – High pressure spraying
- CC – Curtain coater
- ES – Electrostatic application
- RC – Roller coater
- VC – Vacuum coater

Substrates:

- 1 –MDF - HDF
- 2 – Chipboard
- 3 – Melamine covered chipboard
- 4 – Hard wood
- 5 – Soft wood
- 6 – UV-primer or sealer
- 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Application method | Substrate |
|--|---------------------------|--------------|---------|-------|-----------------------|-----------|
| | 41 – 47 | 30 –32 | 15 – 80 | – | HPS | 1, 3 – 6 |
| | 43 – 44 | 39 – 45 | 15 – 60 | – | HPS | 1, 3 – 6 |
| | 38 – 47 | 38 – 47 | 20 – 90 | C | HPS | 1, 3 – 6 |
| | 43 | 48 | 20 – 25 | – | HPS | 3, 6 |
| | 35 – 43 | 42 | 20 – 25 | – | HPS | 3, 6 |

Sherwin-Williams Waterborne and Waterborne UV products

| Product name | Product family | Description |
|--|----------------|---|
| Waterborne clear sealers and lacquers | | |
| Lacroma Sealer | EL1150 | Due to its extremely good clarity, this sealer is suitable for dark woods and stains. Best choice when you must sand the sealer with an underlying stain in a sanding machine. |
| Lacroma Sealer | EL1151 | Due to its extremely good clarity, this sealer is suitable for dark woods and stains. Good sanding properties. Improves the wet heat resistance together with EM1172. |
| IDRO-CEOFOND | EL0332 | One component transparent sealer with very good transparency and vertical hold. Good sandability. |
| – | EL4230 | Two component transparent sealer. Fast drying with good transparency and very good sandability. |
| Lacroma Clear | EM1143 | Waterborne clear lacquer for all types of wood. Excellent for both hand spraying and fast lines (can be forced dried). Provides hard scratch resistant surfaces that can be stacked without any risk of "blocking". Good Furniture Facts. Good adhesion to AC and UV. |
| Lacroma Clear | EM1152 | Waterborne clear lacquer for all types of wood. Excellent for both hand spraying and fast lines (can be forced dried). Provides hard scratch resistant surfaces that can be stacked without any risk of "blocking". Good Furniture Facts. With a very high resistance against hand creme and fat, makes it suitable as a "chair" lacquer. |
| Lacroma Clear | EM1157 | General purpose multi layer lacquer. Good wetting and build also on oak and other porous wood species. Fast drying. Good clarity over dark stains. |
| Lacroma Clear | EM1172 | Waterborne clear lacquer for all types of wood. Can be used as a one or two component lacquer, possible to post add EV3001. Fulfill the public furniture demand in Furniture Facts together with EL1151, giving small to middle size customers the possibility to finish this type of furniture. |
| IDRO-CEOPAL | EM0511-0010 | One/two component multicoat with very good pore definition as two component with insulating properties and good chemical resistance. |
| IDRO-CEOPAL | EM0072 | One component multicoat with good hardness, good chemical resistance and good abrasion resistance. |
| IDRO-CEOPAL | EM0032 | One component converter (base for colors) with good chemical resistance and excellent surface smoothness. |
| IDRO-CEOPAL | EM0042 | One component topcoat with very good vertical hold, excellent smoothness to the touch, good surface hardness. |
| – | EM4530 | Two component transparent topcoat, very fast drying with high surface resistance and very good chemical resistance. |
| – | EM4050 | One component transparent topcoat with good transparency, smoothness to the touch and good surface touch. |
| – | EM4502 | Two component transparent topcoat, fast drying with good transparency and good surface touch. |
| IDRO-CEOPAL FLOW COATING | EM0233-0015 | Multicoat with excellent build and smooth surface. |
| AQUASTAR- | EM3517 | Waterborne universal multilayer coat. Good wetting and build also on oak and other porous wood species. Fast drying. Good clarity over dark stains. |
| AQUASTAR-Mat | EM3522-0020 | Waterborne universal multilayer coat. Very good levelling, thixotropic properties for vertical spraying, good sandability and fast drying. Has very high resistance against hand creme and fat making it suitable as "chair" lacquer. |
| AQUATOPSTAR- | EM3006 | Waterborne two component Polyurethane lacquer with high transparency and fast drying speed. B1 certification for heavy combustivity under progress. |
| Waterborne UV clear lacquers | | |
| AQUASTAR-UV | WM3018 | UV-clear coat based on acrylic resins (physical drying) mainly used for furniture industry. Tested to B2 normal combustivity. The cured film meet the requirements of EN 12720, demands group 1B (resistance to chemical influence). |
| AQUASTAR-UV | WM3027 | UV-clear coat based on acrylic resins (physical drying). Provides hard scratch resistant surfaces that can be stacked without any risk of "blocking". |
| AQUASTAR-UV-Brillant | WC3004-0090 | UV-topcoat high gloss based on acrylic resins with higher flexibility mainly used for the furniture industry. |
| Aqualight Clear | WM1621 | Clear topcoat with good chemical and scratch resistance used mainly for soft wood substrates. Normally used as multicoat but can be used with different types of sealers. |
| Aqualight Clear | WM1635 | Clear top lacquer with good chemical resistance and mechanical properties. Have limitations with anfeuring and wetting. Five gloss version is texturized. |

Application methods

LPS – Low pressure spraying
 HPS – High pressure spraying
 CC – Curtain coater

ES – Electrostatic application
 RC – Roller coater
 VC – Vacuum coater

Substrates:

1 – MDF – HDF
 2 – Chipboard
 3 – Melamine covered chipboard
 4 – Hard wood
 5 – Soft wood
 6 – UV-primer or sealer
 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Relative drying speed | Application method | Substrate |
|--|------------------------|-----------|-----------------------|-------|-----------------------|--------------------|-----------|
| | 35 | 69 | 15 – 20 | – | 7 | HPS | 4 – 6 |
| | 35 | 36 | 11 – 13 | – | 7 | HPS | 4 – 6 |
| | 30 | 39 | – | – | – | LPS–HPS–ES | 4 – 5 |
| | 29 | 47 | – | – | – | LPS–HPS | 4 – 5 |
| | 30 – 33 | 35 – 44 | 5 – 70 | – | 8 | HPS | 4 – 6 |
| | 32 – 34 | 77 – 78 | 10 – 30 | – | 6 | HPS | 4 – 6 |
| | 31 – 35 | 47 – 48 | 5 – 70 | – | 6 | HPS | 4 – 6 |
| | 32 – 33 | 88 – 92 | 10 – 25 | – | 7 | HPS | 4 – 6 |
| | 31 | 67 | 10 | clear | – | LPS–HPS | 4 – 6 |
| | 31 | 77 – 95 | 5 – 90 | clear | – | LPS–HPS–ES | 3 – 6 |
| | 29 | 78 | 5, 15, 30, 50 | – | – | LPS–HPS–ES | 3 – 6 |
| | 32 | 35 | 5 – 60 | clear | – | LPS–HPS–ES | 3 – 6 |
| | 35 | 42 | 5 – 80 | clear | – | LPS–HPS | 3 – 6 |
| | 29 | 41 – 46 | 10 – 60 | clear | – | LPS–HPS | 3 – 6 |
| | 34 | 73 | 3 – 5 | – | – | LPS–HPS | 3 – 6 |
| | 33 | 39 | 15 | – | – | Flow coating | 4 – 5 |
| | 30 | 33 | 15, 25, 60 | – | – | HPS | 4 – 5 |
| | 32 | 39 | 20 | – | – | HPS, ES | 4 – 5 |
| | 32 | 35 – 51 | 10, 20, 30, 60 | – | – | HPS | 4 – 5 |
| | 27 – 30 | 31 – 35 | 10, 20, 25 | – | – | HPS | 4 – 5 |
| | 26 – 27 | 32 | 5, 25, 30 | – | – | HPS | 4 – 5 |
| | 42 | 62 | 90 | – | – | HPS | 6 |
| | 35 - 39 | 14 - 18 | 5, 10, 15, 25, 30, 35 | – | – | HPS | 4 - 5 |
| | 41 - 44 | 13 - 32 | 5, 10, 15, 25 | – | – | HPS | 4 - 5 |

Sherwin-Williams UV-curing products



| Product name | Product family | Description |
|---|----------------|--|
| UV-curing fillers, sealers, lacquers, primers and topcoats | | |
| Uvett Fill | UK1300 | Medium viscosity filler for light filler machines. Good filling properties, easy to apply and with good sanding through resistance. Developed for solid wood to avoid sanding through and sand away stains applied before filler. |
| Uvett Fill | UK1373 | Medium viscosity filler for light filler machines, good filling properties easy to apply and easy to sand. |
| Uvett Fill | UK1380 | White medium viscosity filler for light filler machines. Provide a better total hiding in short lines. Not as good filling properties or sandability as clear fillers. Very important to control the application amount to secure deep-curing. |
| Uvett Seal | UL1132 | Medium viscosity sealer with good filling properties of most wooden substrates. Good transparency and high resistance against through-sanding. |
| Uvett Seal | UL1300 | Sealer for solid wood with good flow and clarity. Good through-sanding resistance. |
| Uvett Seal | UL1366 | High viscosity sealer with good filling properties and sandability. The sealer is free from monomers. |
| — | UL4853 | Acrylic transparent UV-curing photoinitiated primer. With good transparency and sandability and very good filling power. |
| OCESTUC | ML4375 | Photoinitiated transparent UV-curing sealer with fast curing and very good transparency, application of 60–80 g/m ² . |
| — | UL4882 | Acrylic transparent primer. With good filling power, good sandability and excellent transparency. |
| — | UL4855 | Acrylic transparent UV-curing sealer. With very good pore wetting and very fast curing. |
| — | UF4865 | Transparent acrylic adhesion primer. Application of 10–15 g/m ² . |
| Uvett Prime | UC1188 | Clear base for tinting of basecoats. |
| Uvett Prime | UF1188 | Basecoat with good hiding properties and good through curing. Can be applied both at std amounts, 12 g/m ² , and higher, 17 g/m ² . |
| Uvett Top | UH119X | Topcoat with good levelling and high resistance. X = Last figure depending on gloss. |
| UV LUX | MH4508-90019 | White high gloss topcoat. With covering power and surface hardness. |
| — | MF4350-9001 | White UV-curing sealer. With very good flowing and good thixotropy. |
| — | MH4523-9019 | White UV-curing high gloss topcoat. High covering power and very fast curing. |
| Uvett Clear | UM1177 | Top lacquer with high resistance to micro scratches. Very difficult to sand due to the chemical composition. |
| Uvett Clear | UM1300 | Top lacquer with very high resistance to micro scratches. Extremely difficult to sand due to the chemical composition. Especially developed for solid wood systems. |
| Uvett Clear | UM1178 | Top lacquer for general purpose. Good stability against shear thickening. |
| Uvett Clear | UM1730 | Top lacquer for spray and vacuum application in narrow lines. Possible to use as multicoat. |

Application methods

LPS – Low pressure spraying
 HPS – High pressure spraying
 CC – Curtain coater
 ES – Electrostatic application
 RC – Roller coater
 VC – Vacuum coater

Substrates:

1 – MDF – HDF
 2 – Chipboard
 3 – Melamine covered chipboard
 4 – Hard wood
 5 – Soft wood
 6 – UV-primer or sealer
 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Min UV-dos mJ/cm ² | Application method | Substrate |
|--|------------------------|-----------|---------|-------|-------------------------------|--------------------|-----------|
| | > 99 | 0 – 6 | – | – | 150 | RC | 1 – 5 |
| | > 99 | 5 | – | – | 250 | RC | 1 – 5 |
| | > 99 | 1 – 8 | – | – | 250 | RC | 1 – 5 |
| | > 99 | 6 | – | – | 450 | RC | 3 – 5 |
| | > 99 | 7 – 42 | – | – | 300 | RC | 4 – 5 |
| | > 99 | 3 | – | – | 350 | RC | 1 – 5 |
| | 99 | 7 | – | – | 3x80 Hg 10m/min | RC | 1 – 5 |
| | 98 | 293 | – | – | 3x80 Hg 10m/min | RC | 3 – 5 |
| | 99 | 5 | – | – | 3x80 Hg 10m/min | RC | 1 – 5 |
| | 99 | 4 | – | – | 3x80 Hg 10m/min | RC | 3 – 5 |
| | 45 | 548 | – | – | 1x80 Hg 10m/min | RC | 3 |
| | > 99 | 11 | – | clear | 300 | RC | 3 – 5 |
| | > 99 | 6 – 13 | – | – | 300 | RC | 3 – 5 |
| | > 98 | 4 – 22 | 15 – 90 | – | 300 | RC | 1 – 6 |
| | 95 | 401 | 99 | white | 4x80 Ga 10m/min | CC | 6 |
| | 79 | 465 | – | white | 3x80 Ga 10m/min | HPS | 1 – 5 |
| | 83 | 433 | 99 | white | 3x80 Ga 10m/min | HPS | 6 |
| | > 99 | 13 – 18 | 10 – 40 | – | 300 | RC | 1 – 6 |
| | > 99 | 1 – 34 | 5 – 100 | – | 150 | RC | 4 – 6 |
| | > 99 | 10 – 12 | 5 – 60 | – | 250 | RC | 1 – 6 |
| | > 99 | 5 – 6 | 10 – 35 | – | 300 | LPS – VC | 1 – 6 |

Sherwin-Williams

Acid catalyzed products



| Product name | Product family | Description |
|--|----------------|--|
| Acid catalyzed pigmented primers and topcoats | | |
| Care Prime | DF1300 | Very fast drying primer for fast lines. Good adhesion to pine with high resin content. Good vertical spraying properties without sagging. |
| Care Prime | DF1324 | Standard primer with good filling and hiding power. Good vertical spraying properties without sagging. |
| Care Top | DH1311 | High gloss paint for bathroom and kitchen furniture. High filling properties. Can be polished to reach a higher gloss. |
| Care Top | DH1325 | Standard topcoat. Very good levelling and filling properties. Good vertical spraying properties without sagging. |
| Care Top | DH1326 | Faster curing than DH1325. Very good levelling and filling properties. Good vertical spraying properties without sagging. |
| Care Top | DH1365 | Very fast curing and therefor suitable for high speed lines where rapid stacking is required. Good levelling. Not for vertical spraying. Function very well in curtain coater. |
| Care Top | DH1390 | Very fast drying top for MDF in fast lines. Very good stacking properties. Good hiding and filling properties. |
| Polamin Top | DH1853 | Non-yellowing with good levelling and hiding power. Medium fast curing. Not for vertical spraying. |
| Acid catalyzed clear sealers and lacquers | | |
| Kadunyl Clear | CC/CM1510 | Clear lacquer for furniture items. For use on pastel stains, light types of wood or for example walnut, where a minimized yellowing is required. |
| Care Clear | DM1302 | Full body clear lacquer for a "filled pore" look. Good vertical spraying properties without sagging, clarity and air release. Contains UV protection for less yellowing. Made for marine furnishing. |
| Bernyl Deluxe | DM394 | Fast, all-round clear lacquer for furniture items. Suits most types of wood, solid or veneer. Excellent for stained wood (not pastel stains). |



Application methods

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 VC – Vacuum coater

Substrates:

1 – MDF - HDF
 2 – Chipboard
 3 – Melamine covered chipboard
 4 – Hard wood
 5 – Soft wood
 6 – UV-primer or sealer
 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Application method | Substrate |
|--|---------------------------|--------------|---------|---------------|-----------------------|-----------|
| | 57 | 515 | < 13 | – | CC – LPS – HPS | 1–6 |
| | 60 – 64 | 455 – 485 | < 13 | D + Black | LPS – HPS – ES | 1–6 |
| | 69 – 72 | 280 – 375 | 80 – 85 | A + D | LPS – HPS – ES | 3–7 |
| | 58 – 71 | 365 – 430 | 10 – 60 | A, B, C, D, R | LPS – HPS – ES | 3–7 |
| | 57 – 69 | 375 – 495 | 10 – 35 | A + D | CC – LPS – HPS | 3–7 |
| | 50 – 63 | 450 – 510 | 35 | A + D | CC – LPS – HPS | 3–7 |
| | 51 – 65 | 455 – 510 | 10 – 85 | A + D | CC – LPS – HPS | 3–7 |
| | 61 | 445 | 35 | – | LPS – HPS | 3–7 |
| | 42 – 44 | 525 – 535 | 10 – 90 | – | CC – LPS – HPS | 4–5 |
| | 53 – 55 | 440 – 460 | 25 – 40 | – | CC – LPS – HPS | 4–5 |
| | 44 – 47 | 520 – 535 | 5 – 60 | – | CC – LPS – HPS | 4–5 |

Sherwin-Williams Polyurethane products



| Product name | Product family | Description |
|--|----------------|--|
| Polyurethane pigmented primers and topcoats | | |
| ARTI-Isolationfiller | TF3000 | Fast drying two component polyurethane filler based on acrylic resins. The filler has excellent hiding power and outstanding performance on edge. Only one product for isolation, priming and filling on MDF. Non inflammable in combination with PURCRYL-Color SH3011- regarding to DIN 4102 Part 1B, (MPA-E-10-521) |
| ARTIPUR-Filler | TF3005 | Very fast drying two component polyurethane filler based on acrylic resins, lightfast and with a long potlife. |
| - | TF4302-9002 | White basecoat with very good hiding power, sandability and thixotropy on very porous substrates. Start by applying a primer. |
| - | TF4321-9007 | White basecoat with very good hiding power, sandability and elasticity. Very fast curing. |
| - | TF4370-9006 | White basecoat with very good hiding power, sandability and thixotropy on very porous substrates. |
| PURCRYL-Color | SH3011 | Fast drying two component polyurethane topcoat in various glosses. Light resistant, based on acrylics. Properties such as good filling power, high resistance against chemical and mechanical influences. All colour shades available – ARTIMIX. Non inflammable in combination with ARTI-Isolationfiller TF3000-9001K regarding to DIN 4102 Part 1B, P-MPA-E-10-521 |
| ARTIPUR-Color-Mat | TH3000 | High solid two component polyurethane multicoat paint with highest resistance against chemical and mechanical influence. Gives very high resistance against metal marking. |
| PROCRYL-Color | SH3004 | High solid two component polyurethane multicoat paint for MDF. Only one product for isolating, priming and topcoating of MDF. Properties such as good hiding and filling power, highest resistance against chemical and mechanical influence, light resistant. Available in all colour shades – ARTIMIX. Non inflammable regarding to DIN 4102 Part 1B, (P-MPA-E-06-534). IMO Resolution U.S. Coast Guard Nr. 164.112/EC0736/116.287. |
| ARTIPUR-Color-Mat | TH3150 | Fast drying two component polyurethane topcoat with excellent properties such as filling power, highest resistance against chemical and mechanical influence, light resistant. ARTIPUR-Color meets the requirements of EN12720 (resistance against chemical influence), demands group 1B and comply with DIN 53160 (resistant to saliva and perspiration). Available in the colour shades RAL9003, RAL 9010 and RAL9016. Outstanding metal marking resistance. Needs only 10% hardener addition. |
| ARTICRYL-Color-Brillant | SH3030 | Two component polyurethane high gloss lacquer system with highest resistance against chemical and mechanical influence. Outstanding light resistance. The new standard lacquer for all high gloss surfaces. Available in all colour shades – ARTIMIX. |
| - | TH4705-9001 | White topcoat with very fast drying and surface hardness. |
| - | TH4401-9101 | White topcoat with very good hiding power, resistance to metal marking and smoothness to the touch. |
| - | TH4101-7902 | Black topcoat with high body and filling power, good surface hardness and resistance to metal marking. |
| - | TH4801-9200 | Black topcoat with high body and filling power and scratch resistance. |
| PUV Top | TH1300 | Dual cure topcoat with fast drying and good mechanical and chemical resistance. Gives a very good adhesion to both primers and substrates. |



Application methods

- LPS – Low pressure spraying
- HPS – High pressure spraying
- CC – Curtain coater
- ES – Electrostatic application
- RC – Roller coater
- VC – Vacuum coater

Substrates:

- 1 – MDF – HDF
- 2 – Chipboard
- 3 – Melamine covered chipboard
- 4 – Hard wood
- 5 – Soft wood
- 6 – UV-primer or sealer
- 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Application method | Substrate |
|--|---------------------------|--------------|---------|--------------|-----------------------|-----------|
| | 66 | 447 | – | – | LPS – HPS | 1, 3 |
| | 51 | 580 | – | – | LPS – HPS | 3 |
| | 70 | 420 | – | – | LPS – HPS | 1–2 |
| | 69 | 430 | – | – | LPS – HPS | 1–2 |
| | 71 | 406 | – | – | LPS – HPS | 1–2 |
| | 40 – 55 | 597 – 688 | 10 – 90 | white, clear | LPS – HPS | 3, 8 |
| | 66 | 424 | 35 | white | LPS – HPS | 3, 8 |
| | 41 – 52 | 375 – 495 | 10, 25 | white, clear | LPS – HPS | 1, 3, 8 |
| | 41 | 655 | 25 | – | LPS – HPS | 3, 8 |
| | 39 – 55 | 450 – 510 | > 95 | white, clear | LPS – HPS | 3, 8 |
| | 68 | 393 – 459 | 10 – 50 | white | LPS – HPS – CC | 6 |
| | 70 | 426 | 10 – 95 | white | LPS – HPS | 6 |
| | 41 | 574 | 10 – 90 | black | LPS – HPS – CC | 6 |
| | 41 | 575 | 10 – 90 | black | LPS – HPS – CC | 6 |
| | 30 – 47 | 590 – 680 | 10 – 50 | – | HPS | 1, 6 |

Sherwin-Williams

Polyurethane products

| Product name | Product family | Description |
|--|----------------|--|
| Polyurethane clear sealers and lacquers | | |
| ULTRACRYL-sealer | SL3012 | Two component polyurethane high solid sealer, light resistant, based on acrylics. Main use on fine-pored wood. Ideal to combine with ARTICRYL-Brillant SC3050 or NANOCARAT SC3055. Non inflammable in combination with ARTICRYL-Brillant SC3050 regarding to DIN 4102 Part 1B, P-MPA-E-08-542. |
| DD-sealer | TL3003 | Two component polyurethane sealer with good filling properties for closed pore application. IMO 164.112/EC0736/116.442. |
| - | TL4570 | Transparent primer with very good pore wettability, elasticity and adhesion. |
| - | TL4327 | Very high body and filling power, good manual sandability, excellent thixotropy and good elastic properties. Particularly suitable for vertical application, also electrostatic, on furniture and turned pieces. |
| - | TL4397 | Good body and filling power with very good manual sandability and very fast curing. Particularly suitable for application, also electrostatic, on chairs and furniture. |
| - | TL4363 | Very high body and filling power with good manual sandability, excellent thixotropy and very fast curing. Application of 1-2 max coats (120-180 g/m ² each coat). |
| - | TL4396 | Good transparency with quite good manual and mechanical sandability. High covering power with good thixotropy. Application from 1-3 coats on vertical and horizontal surfaces. |
| - | SL4320 | Transparent sealer. Fast drying and non-yellowing. |
| - | SL4340 | Transparent sealer. Fast drying, non-yellowing with good filling power. |
| - | SL4360 | Transparent sealer. Very high filling power and non-yellowing. Fast drying. |
| PURCRYL | SM3150 | Two component polyurethane multicoat system for natural wood coatings. Based on lightfast acrylic resins with included UV-absorber. Non inflammable regarding to DIN 4102 Part 1B, P-MPA-E-01-683. TÜV-Proof - emission of surface. |
| BACRYL | SM3171 | Two component polyurethane topcoat system for foil application with outstanding light resistance with included UV-absorber. Can be used for marine interiors. For extra resistance/durability, for example table tops. Non inflammable regarding to DIN 4102 Part 1B, (P-MPA-E-10-507). |
| - | TM4059 | Transparent topcoat with very high body and filling power. Easy application on vertical surfaces. |
| - | TM4079 | Transparent topcoat with good body and filling power. Easy application on vertical surfaces. |
| - | TM4235 | Transparent multicoat with very high body and filling power. Good application on vertical surfaces. |
| - | SM4076 | Transparent topcoat, non-yellowing, fast drying and surface hardness. |
| - | SM4006 | Transparent topcoat, non-yellowing with good covering power, long pot life and very good smoothness. |
| - | SM4001 | Transparent topcoat, non-yellowing with long pot life and good surface smoothness. |
| - | SM4210 | Transparent multicoat, non-yellowing with good sandability. |
| - | SM4222 | Transparent topcoat with good surface hardness and fast drying. |
| - | SM4280 | Transparent multicoat with good sandability, long pot life and good surface aspect. |
| Furni Clear | TM1512 | Clear lacquer for light and dark woods, for example Mahogany when you wish a look with extra clarity. Can be used for marine interiors. For extra resistance/durability, for example table tops. |

Application methods

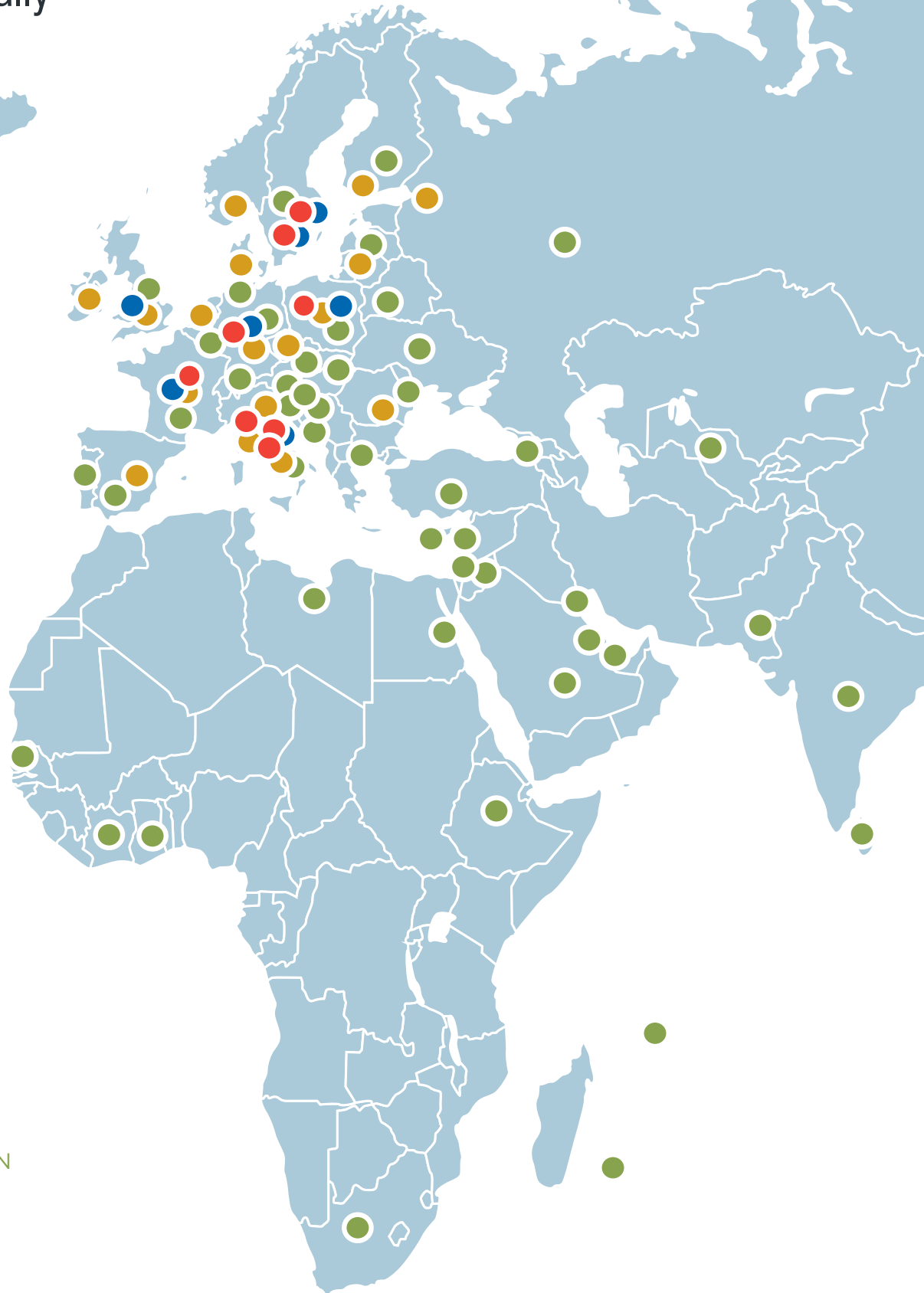
LPS – Low pressure spraying
 HPS – High pressure spraying
 CC – Curtain coater
 ES – Electrostatic application
 RC – Roller coater
 VC – Vacuum coater

Substrates:

1 – MDF – HDF
 2 – Chipboard
 3 – Melamine covered chipboard
 4 – Hard wood
 5 – Soft wood
 6 – UV-primer or sealer
 7 – AC-primer

| | Solid content %/weight | VOC g/lit | Glosses | Bases | Application method | Substrate |
|--|---------------------------|--------------|------------|-------|-----------------------|-----------|
| | 40 | 584 | – | – | LPS – HPS | 4 – 5 |
| | 50 | 488 | – | – | LPS – HPS | 4 – 5 |
| | 16 | 741 | – | – | LPS – HPS – CC | 1 – 5 |
| | 46 | 515 | – | – | LPS – HPS – CC | 1 – 5 |
| | 45 | 532 | – | – | LPS – HPS | 1 – 5 |
| | 47 | 525 | – | – | LPS – HPS | 1 – 5 |
| | 50 | 514 | – | – | LPS – HPS | 1 – 4 |
| | 18 | 746 | – | – | LPS – HPS – CC | 4 – 5 |
| | 24 | 706 | – | – | LPS – HPS – CC | 4 – 5 |
| | 34 | 619 | – | – | LPS – HPS – CC | 4 – 5 |
| | 23 – 24 | 702 – 715 | 10 – 80 | – | LPS – HPS | 4 – 5 |
| | 22 – 23 | 699 – 708 | 5 – 70 | – | LPS – HPS | 4 – 5 |
| | 45 | 545 – 573 | 5 – 95 | clear | LPS – HPS | 6 |
| | 49 | 517 – 547 | 10 – 90 | clear | LPS – HPS | 6 |
| | 47 | 506 – 515 | 10, 30, 50 | clear | LPS – HPS | 6 |
| | 24 | 713 – 716 | 5 – 30 | clear | LPS – HPS – CC | 6 |
| | 23 | 711 – 715 | 2 – 90 | clear | LPS – HPS – CC | 6 |
| | 24 | 715 – 722 | 5 – 80 | clear | LPS – HPS – CC | 6 |
| | 25 | 714 – 716 | 5 – 90 | clear | LPS – HPS – CC | 6 |
| | 17 | 748 – 752 | 3, 10, 20 | clear | LPS – HPS – CC | 6 |
| | 26 | 704 – 710 | 15, 40 | clear | LPS – HPS – CC | 6 |
| | 32 – 33 | 650 – 655 | 10 – 25 | – | LPS – HPS | 4 – 5 |

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HOME FURNITURE

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