Shell Global Solutions

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The Sherwin Williams Company
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May 24, 2017

Our ref: Contract No: 140739

To whom it may concern,

With reference to above-referred contract, Shell Global Solutions International B.V. hereby confirm that we have carried out a one-time technical assessment for The Sherwin Williams Company in the form of performance testing of "Protective Coatings for Onshore and Offshore Facilities" according to Shell DEP 30.48.00.31-Gen. "Protective Coatings for Onshore and Offshore Facilities", February 2013 and February 2015.

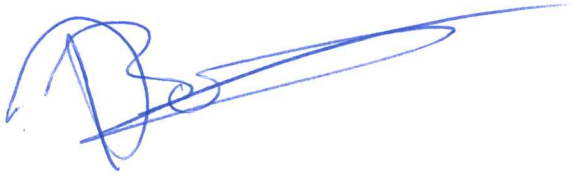
The Sherwin Williams Company applied the coating systems that were subjected to the required test program according the aforementioned DEP. The technical assessment program is described in detail in Shell report SR.17.10196.

The results of the technical assessment shall be notified to our affiliates and we shall include the approved coating systems into our global Technically Accepted Manufacturers and Products (TAMAP) database for Coatings. Such listing shall, subject to the conditions set out in Article 3.2 of the above-referred contract, be maintained for a period of 5 years from the date of this letter.

The approved coating systems for The Sherwin Williams Company are listed in the attached Tables.

Please note that in assessing that the listed coatings are compliant with the aforementioned DEPs, we do not warrant the quality of the goods manufactured or delivered by The Sherwin Williams Company for the fitness for purpose of such goods.

Yours sincerely,



J.R. van Bokhorst
Projects & Technology - Project & Engineering Services
Mechanical, Materials and Integrity - EMEA

Environment	System Code	Coating Systems	NDFT (µm)
Atmospheric -35 to 120°C (-31 to +248°F)	FC2-N Un-insulated	Zinc Clad II Macropoxy 646 Acrolon 218 HS	50-100 125-250 75-150
		Zinc Clad II Macropoxy 646 Acrolon 7300	50-100 125-250 50-100
Atmospheric -35 to 120°C (-31 to +248°F)	FC2-N/M Insulated	Phenicon FF Phenicon FF	125-175 125-175
Atmospheric -35 to 120°C (-31 to +248°F)	FC2-M Un-insulated	Zinc Clad IV Macropoxy 646 Acrolon 218 HS	75-125 125-250 75-150
		Zinc Clad IV Macropoxy 646 Acrolon 7300	75-125 125-250 50-100
		Zinc Clad IV Envirolastic 940	75-125 150-225
Atmospheric >120 to 200°C (248 to 392°F)	FC3-N/M Un-Insulated	Zinc Clad II Heat Flex 500 Heat Flex 500	50-100 50-62 50-62
Atmospheric >120 to 200°C (248 to 392°F)	FC3-N/M Insulated	Epo-Phen FF Epo-Phen FF	175-225 175-225
		Epo-Phen FF	175-225
Atmospheric >200 to 450°C (392 to 842°F)	FC4-N/M Un-Insulated	Zinc Clad II Heat Flex 1000	50-100 50-62
Decks and floor, light to normal duty	FC6-N/M	Zinc Clad IV Macropoxy 646 Macropoxy 646	75-125 125-250 125-250
		Zinc Clad IV Macropoxy 646 Acrolon 218 HS	75-125 125-250 75-150
		Zinc Clad IV Macropoxy 646 Acrolon 7300	75-125 125-250 50-100
Steel floors/ heavy duty and helidecks	FC7-N	Zinc Clad IV Epideck 339 Acrolon 218 HS	75-125 200-400 75-150
Potable Water	FT3-N/M	Macropoxy 646 PW Macropoxy 646 PW	125-250 125-250
		Dura Plate UHS	450-550
Methanol storage <40°C (104°F)	FT4- N/M	Nova-Plate UHS Primer Nova-Plate UHS	150-300 250-400
		Nova-Plate UHS	250-400
Diesel Storage <40°C (104°F)	FT5- N/M	Phenicon FF Phenicon FF	125-175 125-175
		Dura-Plate UHS Primer Dura Plate UHS	100-200 450-550
		Dura Plate UHS	450-550

		Fast Clad ER	450-550
Crude Storage (wet, sweet and sour) <60°C (140°F)	FT6-N/M	Dura-Plate UHS Primer Dura Plate UHS	100-200 450-550
		Shelcote II FF Shelcote II FF	125-150 125-150
Atmospheric -35 to 120°C (-31 to +248°F)	FS2-N Un-insulated	Macropoxy 646 Acrolon 218 HS	125-250 75-150
		Macropoxy 646 Acrolon 7300	125-250 50-100
Atmospheric -35 to 120°C (-31 to +248°F)	FS2-N Insulated	Phenicon FF Phenicon FF	125-175 125-175
Atmospheric >120 to 200°C (248 to +392°F)	FS3-N/M Un-insulated	Epo-Phen FF Epo-Phen FF	175-225 175-225
Atmospheric >120 to 200°C (248 to +392°F)	FS3-N/M Insulated	Epo-Phen FF Epo-Phen FF	175-225 175-225
		Epo-Phen FF	175-225
Atmospheric >200 to 450°C (392 to 842°F)	FS4-N/M Un-insulated	Heat Flex 1000 Heat Flex 1000	50-62 50-62
Galvanized surfaces -35 to 120°C (-31 to +248°F)	FO2-N/M Un-insulated	Envirolastic 940	125-250
		Macropoxy 646 Acrolon 218 HS	125-250 75-150
		Macropoxy 646 Acrolon 7300	125-250 50-100
Atmospheric -35 to -100°C (-31 to -148°F)	FL1-N/M	Phenicon FF Phenicon FF	125-175 125-175
		Epo-Phen FF	175-225
Submerged -10° to 50°C (14 to 122°F)	FW1-N	Fast Clad 105 ER	450-550
Atmospheric -35 to +120°C (-31 to +248°F)	LC1-N Un-insulated	Zinc Clad II Macropoxy 646 Acrolon 218 HS	50-100 125-250 75-150
		Zinc Clad II Macropoxy 646 Acrolon 7300	50-100 125-250 50-100
Atmospheric -35 to 120°C (-31 to +248°F)	LC1-M Un-insulated	Zinc Clad IV Macropoxy 646 Acrolon 218 HS	75-125 125-250 75-150
		Zinc Clad IV Macropoxy 646 Acrolon 7300	75-125 125-250 50-100
		Zinc Clad IV Envirolastic 940	75-125 150-225
Atmospheric >120 to 200°C (248 to 392°F)	LC2-N/M Un-Insulated	Zinc Clad II Heat Flex 500 Heat Flex 500	50-100 50-62 50-62
Atmospheric >200 to 450°C (392 to 842°F)	LC3-N/M Un-Insulated	Zinc Clad II Heat Flex 1000	50-100 50-62
Atmospheric	LC4-N/M	Heat Flex 1000	50-62

>450 to 600°C (842 to 1142°F)	Un-Insulated	Heat Flex 1000	50-62
Buried and immersed plant piping and vessels <60°C (140°F)	LC5-N/M	Macropoxy M922 Macropoxy M922	400 400
Floors (walking)	LC7-N/M	Zinc Clad IV Macropoxy 646 with anti-slip additive Acrolon 218 HS	75-125 125-250 75-150
		Zinc Clad IV Macropoxy 646 with anti-slip additive Acrolon 7300	75-125 125-250 50-100
Atmospheric -5 to 50°C (25 to 122°F)	LC9-N/M Insulated	Phenicon FF Phenicon FF	125-175 125-175
Atmospheric >50 to 175°C (122 to 347°F)	LC10-N/M Insulated	Epo-Phen FF Epo-Phen FF	175-225 175-225
Crude Storage (wet, sweet and sour), <60°C (140°F)	LT1-N/M	Dura-Plate UHS Primer Dura Plate UHS	100-200 450-550
		Shelcote II FF Shelcote II FF	125-150 125-150
Fuels, <60°C (140°F)	LT2-N/M	Dura-Plate UHS Primer Dura Plate UHS	100-200 450-550
		Dura Plate UHS	450-550
		Nova-Plate UHS Primer Nova-Plate UHS	150-300 250-400
		Nova-Plate UHS	250-400
Methanol, <40°C (104°F)	LT3-M/N	Nova-Plate UHS Primer Nova-Plate UHS	150-300 250-400
		Nova-Plate UHS	250-400
Industrial water, <80°C (176°F)	LT4-N/M	Nova-Plate UHS Primer Nova-Plate UHS	150-300 250-400
		Nova-Plate UHS	250-400
		Nova-Plate 325	500-1000
Potable Water	LT5-N/M	Macropoxy 646 PW Macropoxy 646 PW	125-250 125-250
		Dura Plate UHS	450-550
LPG spheres and bullets	LT6-N/M	Zinc Clad II	50-100
Atmospheric -35 to +120°C (-31 to +248°F)	LS1-N/M Un-insulated	Macropoxy 646 Acrolon 218 HS	125-250 75-150
		Macropoxy 646 Acrolon 7300	125-250 50-100
		Envirolastic 940	150-225
Atmospheric >120 to 200°C (248 to 392°F)	LS2-N/M Un-Insulated	Epo-Phen FF Epo-Phen FF	175-225 175-225
Atmospheric >200 to 450°C (392 to 842°F)	LS3-N/M Un-Insulated	Heat Flex 1000 Heat Flex 1000	50-62 50-62
Buried and immersed plant piping and vessels <60°C (140°F)	LS4-N/M	Macropoxy M922 Macropoxy M922	400 400

Atmospheric -35 to 49°C (-31 to +120°F)	LS6-N/M Insulated	Phenicon FF Phenicon FF	125-175 125-175
Atmospheric 50 to 175°C (122 to 347° F)	LS7-N/M Insulated	Epo-Phen FF Epo-Phen FF	175-225 175-225
Atmospheric -35 to +120°C (-31 to +248°F)	LO1-N/M	Macropoxy 646 Acrolon 218 HS	125-250 75-150
		Macropoxy 646 Acrolon 7300	125-250 50-100
		Envirolastic 940	150-225
Atmospheric -35 to -100°C (-31 to -148°F)	LL1-N/M	Phenicon FF Phenicon FF	125-175 125-175
		Epo-Phen FF	175-225