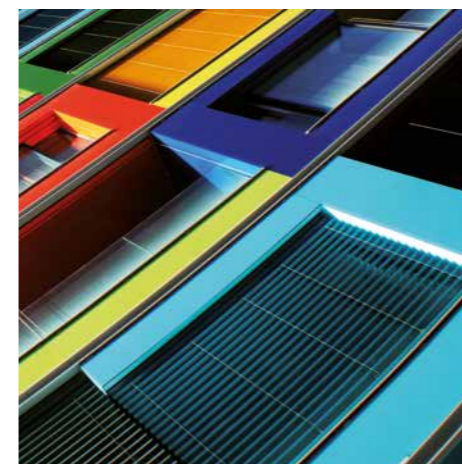
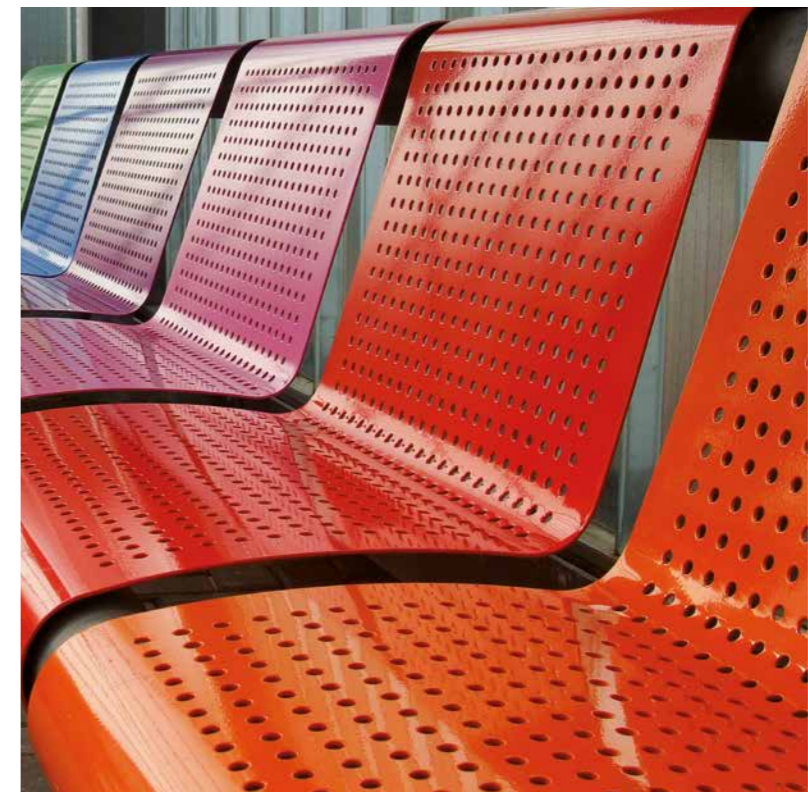




SHERWIN-WILLIAMS®
General Industrial Coatings

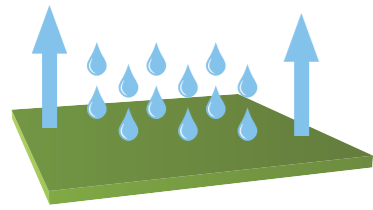


SHERWIN-WILLIAMS®

VALDE STEEL

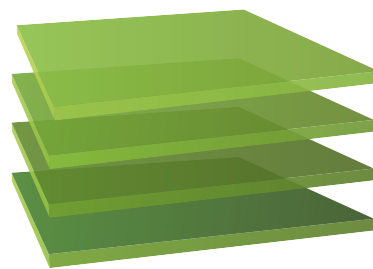
Industrial Powder Coatings
approved by Qualisteelcoat





DESCRIPTION

- ▶ Corrosion resistance guarantee for powder systems on steel substrate
- ▶ Several corrosion resistance levels for internal and external application



APPROVED SYSTEMS

- ▶ Steel substrate 2 coat system:
Valde Prime & INVERPUL PE/P/Q → C4
- ▶ Hot dip galvanised steel 2 coat system:
Valde Prime & INVERPUL PE/P/Q → C5 – I & C5-M

The systems have been approved with mechanical and chemical pre-treatment

Recommended Coatings Systems

System Name	Substrate	Pre-treatment	Surface Preparation	Primer	TopCoat	Number of Organic Layers	Corrosivity Class	Approval Number	
VALDE STEEL ST2	Steel	Mechanical	Sandblasting Sa 2.5 Ra 6.3 ou 12.6	Valde Prime	P-0554	PE/P/Q	2	C4	PE-0066
					P-0106	PE/P/M			
					P-1097	PE/P/S			
					P-0737	PE/P/Q FTX			
VALDE STEEL ST2	Steel	Chemical	3	Valde Prime	P-0554	PE/P/Q	2	C4	PE-0069
					P-0106	PE/P/M			
					P-1097	PE/P/S			
					P-0737	PE/P/Q FTX			
STK-P2	Steel	Chemical	3	E-Coat	P-0554	PE/P/Q	3 (E-Coat +TC+ TC)	C5IH C5MH	PE-0094
					P-0106	PE/P/M			
					P-1097	PE/P/S			
VALDE STEEL HD2	Hot Dip Galv. Steel	Mechanical	4	Valde Prime	P-0554	PE/P/Q	2	C5IH C5MH	PE-0070
					P-0106	PE/P/M			
					P-1097	PE/P/S			
					P-0737	PE/P/Q FTX			
VALDE STEEL HD2	Hot Dip Galv. Steel	Chemical	3	Valde Prime	P-0554	PE/P/Q	2	C5IH C5MH	PE-0071
					P-0106	PE/P/M			
					P-1097	PE/P/S			
					P-0737	PE/P/Q FTX			
SZK-P1	Hot Dip Galv. Steel	Chemical	3	E-Coat	P-0554	PE/P/Q	2 (E-Coat +TC)	C4H	PE-0093
					P-0106	PE/P/M			
					P-1097	PE/P/S			
					P-0737	PE/P/Q FTX			

Corrosion Categories

Corrosion Categories	Internal	External
C1 Very weak	Heated buildings clean atmosphere	
C2 Low	Unheated buildings with condensation	Atmospheres with low levels of pollution
C3 Medium	High grade production rooms with humidity	Urban and industrial atmospheres, moderate sulfur dioxide pollution
C4 High	Chemical plants, swimming pools, shipyards	Industrial and coastal areas with moderate salinity
C5-I (Industry) Very High	Buildings or areas with permanent condensation and high pollution	Industrial areas with high humidity and aggressive atmospheres
C5 – M (Marine) Very High	Buildings or areas with permanent condensation and high pollution	Coastal and marine areas with high salinity

Surface Preparation Description

- 1 · Degreasing of substrate only
 - 2 · Deoxidation
 - 3 · Phosphating standard EN 13438 and passivation or alternative treatments
 - 4 · Sandblasting of the zinc substrate according to standard EN 15773
- Sa 2½ & Sa 3 · Sandblasting according to standard ISO 8501-1