

Pipe Protection Design Life

Project	Surface Preparation	Environment	Unique Product	Design Life
Internal Pipe Coating Hydrocarbons				
5 – 30°C 30 – 50°C 50 – 130°C	Abrasive blast clean SA2½, 75 micron profile, angled grit	Controlled factory environment 10 – 40°C Maximum 85% Humidity	UPS 405 CRSG UPS 407 EN UPS 220 HTX	N/A N/A N/A
External Pipe Protection				
Ambient Surface Temperature	Wire Brush	Maximum 85% Humidity Damp Steel Surface	UPS 908 AP 2 X 150 microns	6 – 12 months
Ambient Surface Temperature	Mechanical Grinding	Maximum 85% Humidity Damp Steel Surface	UPS 908 AP 2 X 150 microns	12 – 18 months
Ambient Surface Temperature	Abrasive Blast Cleaning	Maximum 85% Humidity Damp Steel Surface	UPS 908 AP 2 X 150 microns	18 – 24 months
Ambient Surface Temperature	Mechanical Grinding	Maximum 85% Humidity Damp Steel Surface	UPS 405 CRSG 2 X 300 microns	2 – 3 years
Ambient Surface Temperature	Abrasive Blast Cleaning	Maximum 85% Humidity Damp Steel Surface	UPS 405 CRSG 2 X 300 microns	4 – 5 years
Ambient Surface Temperature	Abrasive Blast Cleaning	Maximum 85% Humidity Dry Steel Surface	UPS 405 CRSG 2 X 300 microns	8 – 10 years
Ambient Surface Temperature	Abrasive Blast Cleaning	Maximum 85% Humidity Dry Steel Surface	UPS 405 CRSG 2 X 300 microns UPS 509 UVPU 1 X 150 microns (UV Stable)	10 yeas +
40 – 50°C Surface Temperature	Mechanical Grinding	Maximum 85% Humidity Damp Steel Surface	UPS 555 TB 2 X 400 microns	2 – 3 years
40 – 50°C Surface Temperature	Hydroblast Steel Surface	Maximum 85% Humidity Damp Steel Surface	UPS 555 TB 2 X 400 microns	3 – 4 years
40 – 50°C Surface Temperature	Hydroblast Steel Surface	Maximum 85% Humidity Damp Steel Surface	UPS 555 TB 2 X 400 microns	5 -7 years
50 – 100°C Surface Temperature	Hydroblast Steel Surface	Maximum 85% Humidity Damp Steel Surface	UPS 555 TB 2 X 400 microns	3 -4 years
50 – 100°C Surface Temperature	Hydroblast Steel Surface	Maximum 85% Humidity Dry Steel Surface	UPS 555 TB 2 X 400 microns	5 – 7 years