TECHNICAL DATA SHEET

Item number: S-WP 1

Product name: REACTIVE PRIMER 2+1 – SOLL WP WASHPRIMER

REACTIVE PRIMER 2+1 – SOLL WP WASHPRIMER

Description : Two-component reactive primer that does not consist of chromates. It exhibits very good adhesion to: ALUMINUM, GALVANIZED STEEL, STEEL, ZnAl, POLIESTER, POLISTYRENE, POLIAMIDE, PLEXI. This product is used as a typical penetrating primer that enhances the adhesion of following coats. It exhibits superb corrosion resistance and is perfect for surfaces with difficult adhesion.

RECOMMENDED USE

- versatile use in the industry
- improvement of adhesion on difficult surfaces
- as a mid-coat binding the surface with the following coats
- as an ati-corrosion protection for surfaces
- perfect as a primer for industrial and automotive use

TECHNICAL PROPERTIES

• Density, (approx) kg/dm^3	0,98
• Recommended film thickness per one coat, dry, µm	15-20
• Recommended film thickness per one coat, wet, µm	35-40
• Dry time (20 ^{o}C): 1 degree (tack-free), min	10
6 degree ,min	20
• Theoretical coverage at film thickness 20 µm dm^3/m^2	0,04
• Pot life at 20°C, h	24
• Solids (±2),% by volume	50
• VOC in a ready-to-use product, g/l	780
• Recommended number of coats	1-2

GLOSS: matte

COLOR: grey - green

FOLLOWING COATINGS

Acrylic primer, industrial coatings

PRODUCT APPLICATION

PREPARATION OF MIXTURE – precisely mix part I with part II
in the following ratio: by volume

- part I 2
- part II 1

After 15 minutes (in 20°C) the product is ready-to-use

Application tools
Conventional sprayer – after thinning – viscosity DINØ4: 17-19 sec
Conventional spraying parameters:

- tip size 1,2 – 1,4 mm
- spraying pressure 2,5 – 3,5 atm
- distance from the surface 20 – 25 cm

SOLVENT:

APPLICATION
Surfaces - the higher degree of surface cleanness the longer period of paint durability. The paint achieves the highest chemical and mechanical resistance when applied directly on steel that was sand-blasted or shot-blasted to at least Sa 2 ½ * cleanness degree.

- Steel surface must be free from any contaminants, grease, oil and cleaned to at least Sa 2* cleanness degree for immersed surfaces. For exterior surfaces – at least St 2* cleanness degree. For exterior surfaces it is allowed to clean to at least St 3* cleanness degree
- Non-weathered hot-dip galvanized steel and dry aluminum surfaces should be tarnished with fine abrasive fabric.
- Galvanized surfaces should be free from any contaminants and zinc corrosion products. The contamination should be cleaned with hot water, pressure cleaned, steam cleaned, abrasive cleaned or thoroughly cleaned manually using mechanical hand tools
- Polyester, polystyrene, polamide, plexi – degreased, free from dust, oil and any other contaminants – dry.
- Properly prepared surface should be dry, free from salts, oil, grease, dust and any other contaminants.

It is not allowed to apply polyester products and products containing metallic zinc on REACTIVE PRIMER – SOLL WP WASHPRIMER

Re-coat time:

shortest	at 20°C – approx 10 min
	at 15°C – approx 20 min
primers, top-coats	at 20°C – approx 3h
	at 15°C – approx 2h 30 min

Painting and curing conditions

- surface temperature higher than 5°C and at least 3°C higher than dew point
- relative humidity less than 80%
- good ventilation

Additional information

- Depending from use and type of surface a thicker coat than recommended may be applied. Conventional spraying typically requires one-coat thickness of 20-25µm. Change in coat thickness influences the coverage, dry coat thickness, dry and recoat times.

SHELF LIFE: 12 months from the production date in original unsealed container.

WARNING! This product is designed for professional use in the given industry. Detailed information regarding product safety can be found in the MSDS.