

Description:

A two-component, quick drying shopprimer for direct application to abrasive steel plate or containers. Approved as a prefabrication Primer by Lloyd's Register of Shipping (LR).

KPC-nr 5205
Revision 11-01-2013
Print 11-01-2013

Recommended use:

As a quick drying pretreatment welding- or transport primer for the protection of structural steel during the storage and fabrication period.

Main characteristics :

Good adhesion on blast cleaned steel. Suitable for use as a prefabrication primer in both conventional and high-performance systems such as two pack epoxy or polyurethane systems. Can be easily applied by airless-spray and automatic spray-plants.

Surface preparation:

Blast cleaned steel to Swedish Standard Sa 2½ and surface roughness of 50 micron gives the best result. As a minimum requirement the surface should be dry, clean and free from dust.

Application conditions:

Temperature : 5 – 35°C
Surface temperature : 5 – 40°C
Paint temperature : 15 – 30°C
Relative humidity : max. 85%

Apply only when the surface temperature is more than 3°C above the dew point. Do not apply under unfavorable circumstances. During application take care of adequate ventilation.

Cleaning of tools:

Equipment, tools etc. can be cleaned with KPC 9950 Thinner EP.

Mixing:

Component A (KPC 5205) : 13 volume parts
Component B (KPC 5216) : 7 volume parts

Mix separately, then combine together and mix thoroughly prior to application. Use explosion proof equipment. If necessary add thinner when the mixing of base and curing agent is completed.

Potlife at 20°C : ca. 8 hours

Packing units:

20 litre cans sets.

Shelf life:

Minimum: 12 months provided that it has been stored in closed original packing at a dry spot and a storage temperature between 5° en 35°C.

Safety information:

Protect skin and eyes, and avoid prolonged breathing of solvent vapours. Use with adequate ventilation. Respiratory protection is recommended when applying this material in confined spaces or stagnant air. For more detailed information consult the medical safety sheet.

Liability:

The effectiveness of the Kroonint Protective Coating B.V. paint systems is based on long term practical experience and laboratory research. The directions are believed to be reliable and should be followed carefully. Ineffectiveness or other unintended consequences may result, because of factors which are beyond our control. All such risks are assumed by the buyer.

Application instructions

	Airless	Airmix	Airspray	Airmix
Type of thinner	9950	9950	9950	9950
Thinning	10-25 vol.%	10-25 vol.%	10-20 vol.%	0-10 vol.%
Nozzle orifice	0,016"	0,016"	min. 1,2 mm	n.a.
Output pressure	min. 150 bar	min. 80 bar	min. 3-4 bar	n.a.

Product data

Finish	: flat
Colour	: red brown
Specific gravity at 20°C	: ca. 1,2 kg/ltr (mixed product)
Solids content	: ca. 24 vol.% (mixed product)
Solvents	: 605 gr/ltr. (mixed product)
Drying times	
Dust dry	: 2 minutes
Dry to handle	: 4 minutes
Recoatable minimum interval	: 18 hours
Recoatable maximum interval	: none
Recommended d.f.t.	: 20 micron
Theoretical spreading rate	: 12 m ² / ltr at 20 micron d.f.t. on a smooth surface
Practical spreading rate	: depends on a number of factors such as type of application, weather conditions, shape and profile of the surface. It is often estimated at 50% of the theoretical value, when used on small or strongly curved surfaces and up to 70% of the theoretical value, when used on large conti-nuous surfaces.