

CONIPROOF 184

Single Component, Solvent Containing Wash Primer for Stainless Steel, Non-Ferrous Metal, Aluminium and Copper

Product description

CONIPROOF 184 is a low viscosity, solvent-based, single component, adhesion promoting primer.

Fields of application

CONIPROOF 184 is intended as wash primer to be applied in a thin layer on [stainless steel](#) (with adhesion test in individual cases), as well as wash primer for aluminium, copper, zinc and other non-ferrous metals, under CONIFLOOR und CONIPROOF coating materials.

Properties

CONIPROOF 184 shows good adhesion to many substrates, has a very low viscosity and thus features a high capillary activity, is not yellowing and easy to apply.

In fully cured systems CONIPROOF 184 exhibits good adhesion on the primed surfaces and can be over-coated rather quickly.

Technical Data

Density	at 23 °C		g/cm ³	0.9
Solid density			%	30
Viscosity	23 °C		s	20
Re-coating interval	at 10 °C	minimum	h	2
		maximum	h	4
	at 20 °C	minimum	h	0.50
		maximum	h	2
	at 30 °C	minimum	h	0.25
		maximum	h	1
Substrate and application temperature	minimum		°C	8
	maximum		°C	30
Permissible relative humidity	maximum		%	80

Above figures are guide values and should not be used as a base for specifications!

Consumption

The approximate consumption of CONIPROOF 184 is between 40 and 60 g/m² depending on the condition and on the porosity of the substrate. The given consumption rates are only a [guideline](#) and may be higher on very rough or porous surfaces.

Application method

CONIPROOF 184 is a single component material.

As pigments may create a sediment if the pail is stored for some time, the contents must be thoroughly mixed before application.

The average [temperature](#) of the primer should be in between 15 - 25 °C during application.

CONIPROOF 184 is applied to the pre-treated substrate using a rag (wear protective clothing and gloves), a paint brush or a paint roller.

Ensure that CONIPROOF 184 is applied [evenly](#) and [thinly](#).

After application, the material should be protected from direct contact with water. Within this period, contact with water can seriously impair interlayer adhesion.

Ensure that the [solvent](#) contained in the material is allowed to [evaporate](#) [prior](#) to apply any [coating](#).

Cleaning agent

The tools used (e.g. paint brushes, rags) must be disposed-of in accordance to local regulations.

Substrate condition

Substrates to be coated have to be firm, dry, load bearing and free of loose and brittle particles and substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants. A pre-treatment of the substrate by grit or shot blasting could be necessary (tests!)

The [temperature](#) of the substrate must be at least 3 °C above the current dew point temperature.

Pack size

CONIPROOF 184 is supplied in 4.7 kg metal pail.

Colour

yellowish green

Storage

Store in original closed pails under dry conditions at a temperature range of 15 - 25 °C.

Do not expose to direct sunlight.

Please check "best-before" date shown on the pail before usage.

Safety precautions

CONIPROOF 184 is non-hazardous in its cured condition.

During working with the material following protection measures are required: avoid inhalation of vapors and avoid contact with skin. wear protective gloves, goggles and light protective clothing, do not eat, do not smoke and do not use an open flame! The indications of special risks and safety advice can be found in the safety data sheets, as well as information regarding transportation and disposal. The rules for dealing with polyurethanes and isocyanates must be observed.

For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet of the product.

CONIPROOF 184 meets the requirements of the EC directive 2004/42/EC.