

Temanyl PVB

DESCRIPTION	A one-component, polyvinyl-butylal adhesion primer.
PRODUCT FEATURES	An adhesion primer for steel, zinc, stainless steel and aluminium surfaces. Fast-drying, be applied using a "wet-on-wet" painting technique. Can also be used as a primer under powder coatings. For industrial use only according to Directive 1999/13/EC.
RECOMMENDED USES	Steel, zinc, stainless steel and aluminium surfaces.

TECHNICAL DATA



Colour Range Grey, yellow and black.

Coverage	Recommended film thicknesses		Theoretical coverage
	dry	wet (unthinned paint)	
	10 µm	45 µm	23.0 m ² /l
	20 µm	90 µm	11.5 m ² /l

Practical coverage depends on the application method, painting conditions and the shape of the surface to be coated.

Thinner 1031

Application method By airless or conventional spray or dip.

Drying times	DFT 20 µm	+ 10 °C	+ 23 °C	+ 35 °C
	Dust dry, after	20 min.	15 min.	5 min.
	Touch dry, after	55 min.	45 min.	20 min.
	Recoatible, min. after	20 min.	10 min.	5 min.
	Through dry after 30 min. / 150 °C			

Drying and recoating times are related to the film thickness, temperature, the relative humidity and the air and ventilation.

Solids volume	23 ± 2 %
Density	1.1 - 1.2 kg / l depending on the colour.
Product code	007 4485, 007 4486 and 007 4488.

APPLICATION DETAILS



Temanyl PVB

Application conditions

All surfaces must be dry. The temperature of the ambient air, surface or paint should not be below 5 °C during application or drying. Relative humidity should not exceed 80 %. The surface temperature of steel should remain at least 3 °C above the dew point.
Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

Preparation

Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, sandblasting is recommended for cold rolled steel to improve adhesion.

Zinc surfaces: Sweep blast clean with mineral abrasives, e.g. quartz sand, to an even roughness (SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrasives and washed with PANSSARIPESU detergent.

Stainless steel: Roughen the surface by grinding or sweep blasting using mineral abrasives.

Priming Finishing

Aluminium surfaces: Sweep blast clean with non-metallic abrasives to an even roughness (SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrasives and washed with MAALIPESU detergent.

TEMANYL PVB.

DUASOLID and TEMADUR.

By airless or conventional spray or dip. The application viscosity should be 20 s DIN 4. / nozzle tip 0.011"- 0.013 " and nozzle pressure 120 - 160 bar.

Painting

Note! When storing Temanyl PVB before overcoating the temperature must not exceed 30 °C. If the intercoat adhesion may then deteriorate.

Cleaning of tools

Thinner 1031.

EU VOC 2004/42/

The Volatile Organic Compounds amount is 690 g/litre of paint.

EC-limit value


VOC content of the paint (thinned 30 % by volume) is 740 g/l.

HEALTH AND

SAFETY

LABELLING

according to
Regulation (EC)
No. 1272/2008

Containers are provided with safety labels, which should be observed. Further information on hazardous influences and protection are detailed in individual health and safety data sheets. The safety data sheet is available on request from Tikkurila Oyj. For industrial use only. 

ENVIRONMENTAL

and WASTE

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DISPOSAL

TRANSPORT

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The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.