

TEMANYL PVB (18109)

DESCRIPTION

A one component, polyvinyl butyral adhesion primer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ An adhesion primer for steel, zinc, stainless steel and aluminium surfaces.
- ◆ Fast drying, can be applied using a "wet-on-wet" painting technique.
- ◆ Can also be used as a primer under powder coatings.

TECHNICAL DATA

Volume solids 18 ± 2 %.

Specific gravity 1.08 kg / l

Product code 007 4487

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
15 µm	85 µm	12.0 m ² /l
25 µm	135 µm	7.2 m ² /l

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

Drying times

DFT 15 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.
Recoatable, min.	20 min.	10 min.	5 min.
Through dry after 30 min. / 150 °C			

Object temperature: 150 °C 30 min and air-drying "wet-on-wet" together with two component topcoats.

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

Finish Matt.

Colours Grey.

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APPLICATION DETAILS

Surface preparation	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p><u>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</p> <p><u>Zinc surfaces:</u> Sweep blast-clean with mineral abrasives, e.g. quartz sand, to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with PANSSARIPESU detergent.</p> <p>Hot dip galvanized surfaces are recommended to be painted with a misty coat (paint thinned 10-20 %).</p> <p><u>Stainless steel:</u> Roughen the surface by grinding or sweep blasting using mineral abrasives.</p> <p><u>Aluminium surfaces:</u> Sweep blast-clean with none-metallic abrasives to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with MAALIPESU detergent.</p>
Primer	TEMANYL PVB.
Finish	DUASOLID, TEMATHERM AA 30, TEMATHERM AA 90 and TEMADUR.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below + 5 °C / 41 °F during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C / 38 °F above the dew point.
Application	<p>By airless or conventional spray or dip. The application viscosity should be 20 - 30 s DIN 4</p> <p>Note! When stoving Temanyl PVB before overcoating the temperature must not exceed 160 °C because the intercoat adhesion may then deteriorate.</p>
Thinner	Thinner 1031 or 1112 (62401).
Cleaning of equipment	Thinner 1031 or 1112 (62401).
VOC	The Volatile Organic Compounds amount to 720 ± 20 g/litre of paint.
HEALTH AND SAFETY	<p>Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.</p> <p>A health and safety data sheet is available on request from Tikkurila Oy.</p> <p>For professional use only.</p>

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