



TEKNODUR WOOD PRIMER

1005-10

Polyurethane Primer

PAINT TYPE	TEKNODUR WOOD PRIMER 1005-10 is a two-pack polyurethane primer. The hardener is an aliphatic isocyanate resin.
USAGE	Wooden windows and outer doors. Before using the product, the manufacturer should be contacted to check the suitability of the product for the object in question.
PROPERTIES	TEKNODUR WOOD PRIMER 1005-10 is a fast drying, filling primer that is easy to sand. The paint produces a dense and even paint film. Suitable for spray application.

TECHNICAL DATA

Mixing ratio	Base (Comp. A): Hardener (Comp B): TEKNODUR HARDENER 0200 STA	10 parts by volume 1 part by volume
Pot life, +23 °C	6 h	
Solids	45 ±2% by volume	
Total mass of solids	abt. 950 g/l	
Volatile organic compound (VOC)	abt. 490 g/l	
Recommended film thickness and theoretical spreading rate	Dry film (µm)	Wet film (µm) Theoretical spreading rate (m ² /l)
	40	88 11,2
	60	133 7,5

Practical spreading rate The values depend on the application technique, surface conditions, overspray, etc.

- Drying time at +23°C / 50% RH (dry film 40 µm)**
- dust free (ISO 9117-3:2010) after 20 min
 - touch dry (ISO 9117-5:2012) after 1 h
 - dry to handle after 3 h
 - fit for sanding and overcoating at the latest after 5 h

Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.
The drying times given are indicative because the product is intended for use on wooden substrates. When using accelerated drying ask for the instructions from the manufacturer.

Thinner	Standard thinners: TEKNOSOLV 9521 and TEKNOSOLV 9526 (non-aromatic).
Clean up	TEKNOCLEAN 6496
Finish	Matt
Colours	White
SAFETY MARKINGS	See Safety Data Sheet.

DIRECTION FOR USE**Surface preparation**

The surface must be clean and dry.
The moisture content of the wood is to be below 20%.
It is recommended that the wood is treated with an efficient wood preservative that protects it against rot, blue stain fungi and mildew.

Mixing of the components

Take into consideration the pot life of the mixture when estimating the amount to be mixed at a time. Before painting the base and hardener are mixed in right proportion. Stir thoroughly down to the bottom of the vessel. Inadequate stirring or incorrect mixing ratio results in imperfect curing and impaired film properties.

Application conditions

The surface to be painted must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%. The best result is achieved when the temperature of the air is +23 - +38°C, the relative humidity of the air 50 - 70% and the ventilation is good.

Application

Before use stir the paint thoroughly.

For spray application the paint can be diluted 0 - 20% with TEKNOSOLV 9521 or TEKNOSOLV 9526.

If a thicker coat than usual is needed, the paint can also be sprayed without thinning.

Apply the paint by conventional or airless spray (nozzle 0.013 - 0.018") or by brush.

Wet film thickness over 150 µm are not recommended as the drying process of the paint slows down considerably if the film thickness is more than 150 µm.

The hardener of the paint and the ready paint mixture contain isocyanates. In poorly ventilated areas and especially when using spray application we recommend the use of a fresh air mask. In short or temporary work a mask with combined filter A2-P2 can be used. In this case eyes and face are to be protected.

The hardener can must be opened with caution, as pressure may develop in the can during storage.

ADDITIONAL INFORMATION

The storage stability is shown on the label. Store indoors in a cool and dry place and in a tightly closed can. The hardener reacts with air humidity and therefore the opened can is to be kept carefully closed, and it is recommended to be used within 14 d of opening.

The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



EN_1765_Tuoteseloste.pdf