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DESIGN ARCHITECTURE SYSTEMS

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BY RETHINK

EUROCOMPOSITE®

TECHNICAL SHEET

TE3688

Polyester-based adhesive for Technowood coating

Property

- Polyesters dispersed in chlorinated solvents.
- Good fast setting.

The following performances are achieved on the finished products after the chemical cross-linking:

- Excellent water resistance
- Excellent resistance to heat
- Excellent resistance to cold
- Excellent resistance to many solvents.

Fields of application

Specific for covering Technowood profiles.

Physical and chemical properties

Appearance/Color	Transparent, light yellow
Viscosity (Brookfield) at 25°C	1,800 + 200 mPa.s
Specific gravity	1.3 g/cm °
Amount of wet adhesive to spread	from 100 to 150 g/m*

The TE3688 is catalyzed with the TE KATALIZ in the following proportions:

ADHESIVE TE3688	pp. 100
TE KATAKIZ	p.p. 4
Maturation time of the mixture	0.5 -1 h
Life time of the mixture	3 to 5 h
Open time	from 6 to 7 min not catalyzed from 5 to 6 min catalyzed

Applying the product

The product is applied directly on the foil to be glued, using a blade. After bonding the solvent completely evaporates in the appropriate tunnels placed after the adhesive coating set at a temperature of 70-80°C and sufficiently ventilated. After the complete removal of solvent from the glue line the adhesive film must be reactivated by means of IR lamps and the profile shall be recoated.

Instructions for use

Thoroughly mix the adhesive prior to use

The lifetime of the mixture much depends on the humidity present in the environment

Technowood profiles must first be primed with Primer 171

Transportation and shipment of coated profiles

Prior to shipment of coated profiles, a sufficient period of storage in appropriately air-conditioned environment is recommended.

Cleaning

To clean the blades and the devices in contact with the adhesive use water based cleaner.

Storage and expiry

TE 3688 adhesive and TE KATALIZ when stored between 20-35°C in original sealed packaging are stable for at least 9 months.

TE3688 adhesive below 20°C tends to gel.

Safety information

For further information on the safe use of the product, please refer to the relevant safety sheet.

Primer 171 Fluorescent

PRIMER 171 Fluorescent is suitable to coat Technowood Profiles

PRIMER 171 Fluorescent is a product specifically developed to increase adhesion and glueing on different kinds of surface.

Use:

Thanks to its fluorescence characteristics, PRIMER 171 makes it possible to monitor the uniformity of profile coating. The primer improves adhesion on the surfaces.

Technical data:

Base		Polycondensed resins
Colour		Light blue
Solvent		Methylene chloride
Specific weight	g/cm ³	1.3
Solids content	%	2.5 - 3.0

Benefits:

PRIMER 171 fluorescent can be easily detected with a UV lamp (black light).

Application:

The product is applied by the felt pads of the primer application device of the coating machine

Cleaning:

To clean the felt pads, the pipes and the accessories, the Cleaner MTK solvent is suggested.

Toxicological information:

The product contains Methylene Chloride. Avoid contact with the skin and eyes, avoid vapour inhalation. The use of vapour discharge devices and a correct ventilation of the work place are strongly suggested.

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