

Technical information

TEGOPAC® Bond 150

Reliable bonds for flexible adhesives

Technical parameters*

Appearance	colorless, clear liquid
Viscosity (23°C)	ca. 55,000 mPas
Density (25°C)	0.99 – 1.01g/cm³
Plasticizer	none
Solvent	none
Backbone	PPG

*no specification data

Application

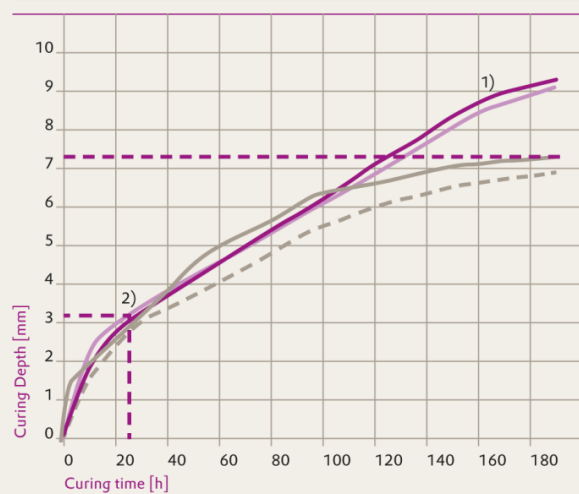
TEGOPAC® Bond 150 is recommended for usage as a binder in assembly adhesives and sealant formulations. The combination of outstanding through-cure and excellent elastic recovery properties allows formulations with TEGOPAC® Bond 150 to be used in a number of demanding applications, e.g. in construction of sandwich elements, for flexible bonding in transport applications or for high quality expansion joints.



Benefit

TEGOPAC® Bond 150 shows an excellent through-curing behavior in thick joints. Material that is not completely cured might cause bond or joint failures.

Outstanding In-depth cure leads to reliable high quality bonds

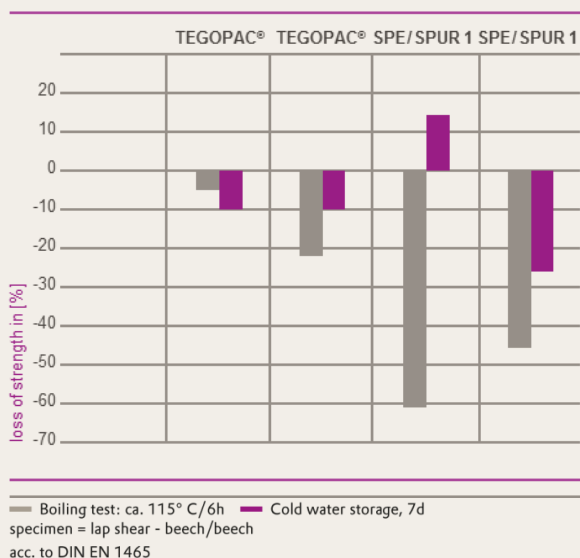


--- Standard Sealant SPE — Wind Shield Adhesive SPUR
--- TEGOPAC® 1 — TEGOPAC® 2

- 1) Excellent In-depth cure for thicker gap filling joints and bonding of large surface areas
- 2) Fast in-depth cure after 24 hours

Another advantage of TEGOPAC® Bond 150 is its stability in hot and cold water immersion tests. Common silane-modified polymers (SMP) based products tend to have a bigger loss in strength when exposed to hot or cold water. Due to the lateral silane modification, TEGOPAC® Bond 150 shows an improved stability in hot and cold water tests. In comparison to common SMP products, formulations with TEGOPAC® Bond 150 show less reduction of tensile strength after water immersion.

Water immersion tests



Processing

Adhesives and sealant formulations containing TEGOPAC® Bond 150 can be easily operated at temperatures between 5°C and 35°C. To ensure

maximum shelf life of your formulations it is recommended to use raw materials with low residual water content. Applying temperature and vacuum to remove residual water from the formulation during production is recommended. A standard chemical drying agent (e.g. Dynasylan® VTMO) can be added to the formulation.

Packaging

Sample size: 2kg aluminum bottles

Shelf life

6 months in closed original containers

Storage

Containers should be stored at ambient temperature (5 – 25°C) at a dry place.

Hazardous goods classification

Information concerning

- classification and labeling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

08/2015

Trademark notice and legal notice

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(Status: July 2015)

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