



Rev. 7  
Date: 21/12/11

# THIOVER

“Two-part polysulfide sealant for insulating glass units”

## APPLICATION FIELD

- Thiover sealants are polysulfides especially formulated for sealing insulating glass units. Thiover sealants are produced in different types in order to suit the individual requirements of the operator and of the equipment in use.

Thiover sealants are totally solvent free and can be used either for the production of single seal or dual seal panel.

## TECHNICAL CHARACTERISTICS

- **COLOUR**

Part A (base):	Ivory
Part B (catalyst):	Black
Mixture (A+B):	Anthracite
- **MIXING RATIO**

Ratio by volume: 100:10  
Ratio by weight: 100:9.5
- **POT LIFE**

Standard 40-90 minutes.  
Pot life is influenced by room conditions.
- **HARDENING TIME**

approx. 2-5 hrs. depending from room conditions.
- **ADHESION**

Excellent on glass, aluminium, stainless steel, galvanized steel. Peel strength 180° to glass with cohesive failure: 110N/25 mm. Application surface must be clean, dry and free from fatty residue.
- **COMPATIBILITY**

Compatibility with all materials which might eventually come in direct contact with Thiover shall be verified before usage. For more details please contact [info@fenzigroup.com](mailto:info@fenzigroup.com)





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## PHYSICAL-CHEMICAL CHARACTERISTICS

● <b>VISCOSITY</b> (25 °C)	Part A (base)		DIN 53019
	- High	73000 ± 3000 [cPs]	
	- Standard	68000 ± 3000 [cPs]	
	- Medium	63000 ± 3000 [cPs]	
	- Low	53000 ± 3000 [cPs]	
	Part B (catalyst)	30000 ± 2000 [cPs]	
● <b>DENSITY</b> (20 °C)	Part A (base)	1.77 [gr/cm <sup>3</sup> ]	DIN 53217
	Part B (catalyst)	1.69 [gr/cm <sup>3</sup> ]	
● <b>FINAL HARDNESS</b>		min. 50 [Shore A]	EN 1279/6
● <b>MOISTURE VAPOR TRANSMISSION RATE</b>		5.8 [gr/m <sup>2</sup> ·24hrs·2mm]	EN 1279/4
● <b>GAS PERMEATION ON FILMS</b>		6.23 × 10 <sup>-3</sup> [gr/m <sup>2</sup> ·hrs]	EN 1279/4
● <b>UV RESISTANCE</b>		Level A	EN 15434
● <b>ELONGATION TO FAILURE</b>		approx. 50 [%]	EN 1279/4
● <b>COHESIVE FAILURE</b>		approx. 0.9 [MPa]	EN 1279/4
● <b>VOLATILE CONTENT</b> (70 °C) Part A+B		Max. 0.92 [%]	EN 1279/6

● **STORAGE**

9 months in the original containers. Possibly in dry and fresh rooms at a temperature between +10 °C and + 30 °C

● **PRODUCT CLASSIFICATION**

Not dangerous according to regulations in force.

● **PACKING**

Lt. 210 (191 + 19)  
Kg. 371 (339 + 32)