



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 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 to produce double and triple panels.

TECHNICAL CHARACTERISTICS

- | | | |
|-------------------------------|---|-----------------------------------|
| • COLOUR | Part A (base):
B (catalyst):
Mixture (A+B): | Ivory Part
Black
Anthracite |
| • MIXING RATIO | Ratio by volume:
Ratio by weight: | 100 : 10
100 : 9.5 |
| • MIXING TOLERANCE | ± 10 % | |
| • POT LIFE | Standard 40 - 90 minutes.
Pot life is influenced by room conditions. | |
| • HARDENING TIME | approx. 2 - 5 hrs. depending from pot life. | |
| • ADHESION | Excellent on glass, aluminum, 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. | |
| • THERMAL CONDUCTIVITY | 0.40 [W/m·K] | EN 10077-2 |
| • SERVICE TEMPERATURES | - 40 °C to + 80 °C | |
| • COMPATIBILITY | Compatibility with all materials which might eventually come in direct contact with Thiover shall be verified before usage. For details please contact info@fenzigroup.com | |





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PHYSICAL-CHEMICAL CHARACTERISTICS

● VISCOSITY (25 °C)	Part A (base)		PP Ø 25 mm, 45 s ⁻¹
	- Standard	73000 ± 3000 [cP]	
	- Medium	63000 ± 3000 [cP]	
	- Low	53000 ± 3000 [cP]	
	Part B (catalyst)		PP Ø 25 mm, 50 s ⁻¹
		30000 ± 2000 [cP]	
● DENSITY (20 °C)	Part A (base)	1.80 ± 0.03 [gr/cm ³]	EN ISO 1183-1
	Part B (catalyst)	1.71 ± 0.03 [gr/cm ³]	
● FINAL HARDNESS		min. 50 [Shore A]	EN 1279/6
● WATER VAPOUR TRANSMISSION RATE		7.3 [gr/m ² ·d]	EN 1279/4
● GAS PERMEATION RATE (Ar)		0.100 [gr/m ² ·d]	EN 1279/4
● UV RESISTANCE		Level A	EN 15434
● ELONGATION TO FAILURE		Approx. 50 [%]	EN 1279/4
● COHESIVE FAILURE		Approx. 0.9 [MPa]	EN 1279/4
● VOLATILE CONTENT (70 °C)		Max. 0.99 [%]	EN 1279/4
	Part A+B		

● STORAGE

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

● PRODUCT CLASSIFICATION

Apply for MSDS at safety@fenzigroup.com

● PACKING

Lt. 210 (191 + 19)
Kg. 375,5 (343 + 32,5)

● CLEANING OF EQUIPMENTS

Use preferably ASCUSOL polysulfide solvent, a product of FENZI Group. Contact Technical Service.