



PRODUCT DATA SHEET

HYCHEM PS 303

Two-component polysulphide insulating glass sealant

USE

Hychem PS303 is an elastic two-component sealant based on polysulphide (Thiokol), which has been developed especially for the production of insulating glass units. The hardened material has been excellent adhesion to glass, aluminum and steel. It is suitable for manual and automatic application.

ADVANTAGES

- Excellent adhesion to most substrates.
- Can be fully cured in any season.
- Excellent flexibility.
- Very low transmission rate of water vapor.
- Excellent resistance to ultra violet and water.
- Excellent resistance to vegetable oil and solvent.
- Can control curing time and workability according to the purpose of use.

TECHNICAL DATA

Color	base (comp.A)	light brown
	hardened (comp.B)	black
Specific gravity	cca 1600 kg/m ³	
Mixing ratio by weight A : B	10 : 1	
Application temperature	cca 20°C	
Application time	cca 45 minutes, depending on the temperature and humidity	
Hardening time	cca 8 hours, depending on the temperature and humidity	
Hardness Shore A	40 – 50	
Tensile strength	cca 1.2 Mpa	
Elongation at break	100 – 200%	
Packaging	drums	a' 203.5l
	doses	a' 2.5l
	cartridges	a' 450ml
Storage	6 months in a dry place at temperature + 15°C - + 25°C	
Temperature resistance	-40°C to + 80°C	

APPLICATION

Aluminum and glass surfaces must be clean, dry, completely free from dust and fat. Before use, the hardener must be thoroughly mixed with the base component (min 2 minutes). Correct proportions of both components are essential. The final mixture must be uniform in color and it must be applied within the application time. It should be used at temperature between 15°C and 35°C. High temperature reduce, lower temperatures increase the application and hardening time. After use, working devices must be thoroughly cleaned with solvent.

HEALTH & SAFETY

Avoid contact of the substance with the skin and eyes. Should contact occur, wash with plenty of water. Component B is harmful to health when swallowed. After working you must clean the hand with water and soap.

ATTENTION

The information supplied is accurate to the best of our knowledge and is based on reliable test and practical experiences. Properties quoted are intended as a guide and do not therefore constitute a specification. You should thoroughly test any application to be sure the product corresponds to the required performance.