

ALEXFIX-ISPOFLEX40



One component moisture curing, mid--modulus sealant

Description

One component moisture curing, mid modulus sealant.

- Excellent adhesion to most substrates
- Easy to apply and to smooth
- Good resistance to water, UV-rays, ozone and corrosive environments
- Permanent elasticity under all climate conditions
- Paintable (prior compatibility test necessary)

Properties

Chemical base	Polyurethane based compound
Consistency	Non-Sag paste
Extrusion level	~150g/min at fabrication time (at 21°C /nozzle \varnothing 4mm / pressure 3 bars)
Density	~1,18 g/ml depending of the colour
Resistance to vertical flow	<3mm (ISO 7390)
Shrinkage	<10% (ISO 10563)
Shore-A hardness	~35° (ISO 868)
E-modulus at 100%	~0,40 N/mm ² (ISO 8339)
Elongation at break	>750 % (ISO 37)
Shearing strength	~0,10 N/mm ² (ISO 4587)
Elastic recovery	>70% (ISO 7389)
Skin forming time	~120 min.(23°C & 50% R.H)
Capacity of joint movement	~ 25%
Curing speed	3mm/day (23°C & 50% R.H)
Temperature resistance	-30 / +70°C
Application temperature range	+5 / +40°C
Shelf life	Cartridge 12 months Sausage 12 months Drums 9 months Original closed packing, at +5 < +25°C and max 50% of R.H

STANDARD COLOURS AVAILABLE

White – grey – Brown – Black (others request).

Packing and sizes:

300 ml cartridge
600 ml foil bag
200 liters drum (other request).

WHERE TO USE

Expansion joints main walls and foundations of buildings.

Repairing of fissures in stone or concrete.

Joints between wooden, metal, aluminum or PVC frames and masonry.

SURFACE PREPARATION

Dimensions of the joint must be in conformity with the professional rules into force.

Joint walls must be sound, clean, dry and free from oil and grease.

Curing compound residues and any other foreign matter must be thoroughly removed.

Install bond breaker to prevent bond at base of joint. Most substrates only require priming if testing indicates a need. Consult our technical service for additional information.

INSTRUCTION FOR USAGE

Apply with hand or pneumatic guns (maximum required pressure: 3,5kg).

When applying avoid air entrapment.

Smooth with joint nail or putty knife.

Tooling and finishing must be carried out within the skin formation time of the sealant.

CLEANING

Material: immediately with white spirit.

Hardened sealant can only be removed mechanically.

Hands: soap and water.

PAINTABILITY

Can be covered by means of water based paints.

It must be understood that sealants are elastomeric in nature, enabling them to extend and compress within a construction joint.

Most paints are designed to be applied to hard, non-moving surfaces and do not match the elastomeric properties of sealants.

Because sealants are soft and will extend and compress, if the paint film does not move in an identical manner to the sealant, the paint may crack and peel.

It is always recommended to make test of compatibility with the paint before application.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

LIMITATIONS

- Avoid exposure to high levels of chlorine.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not cure in the presence of curing silicone sealants.
- Do not apply when a moisture vapour transmission condition exists at time of application, as this can cause bubbling within the sealant.
- Slight yellowing may occur with white sealant exposed to ultraviolet rays.
- Among others not recommended for glazing and not for aquaria, PE, PP, Teflon and bituminous surfaces.

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