

GELFLEX 428 1'

DESCRIPTION

Quick-curing, two-component polyurethane-based adhesive. It is thixotropic, odourless, black-coloured, and cures at room temperature.

It is particularly suitable for small-sized joining and repair work on plastic supports, especially vehicle parts made of rigid plastic. It can be sanded and painted after a short time from application.

Its broad adhesion range makes it suitable for use on many other materials.

CHARACTERISTICS

- Appearance: Thixotropic paste
- Base: Polyurethane
- Colour: black
- Specific gravity: $1,07 \pm 0,05 \text{ g/cm}^3$
- Operating temperature: -40°C up to $+100^\circ\text{C}$
- Hardness Shore D: 80
- Elongation at break: 15 %
- Tensile strength: 23 N/mm^2

SUBSTRATE PREPARATION

The surfaces to be treated must be perfectly clean, dry, and degreased. If possible, sand to remove any residue and to improve the sealant adhesion.

On thermoplastic materials such as PVC, polycarbonate, polypropylene, PMMA, etc., use a water-based detergent (such as No-Sil Aqua). The use of strong solvents should be avoided because they could damage the surface.

On other materials, use acetone. Never use petrol or other solvents.

On plastics such as PP, PE, POM, EPDM and polyamide it is necessary to apply a specific primer (such as Primer Per Polipropilene).

Metallic substrates should be protected with paint or primer before applying the sealant, to avoid adhesion loss over time.

APPLICATION

Apply the product directly on the surface, with minimum thickness of 0.5 mm.

Join the surfaces to be glued within 60 seconds from the adhesive application and keep them tightly in place, pressing evenly on the entire joint surface.

Application temperature: 10°C to 30°C .

DRYING TIME

Working time: 60 seconds

Clamp time: 5 minutes

Sanding time: 60 minutes

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

GELFLEX 428 45''

DESCRIPTION

Quick-curing, two-component polyurethane-based adhesive. It is thixotropic, odourless, neutral-coloured, and cures at room temperature.

It is particularly suitable for small-sized joining and repair work on plastic supports, especially vehicle parts made of rigid plastic. It can be sanded and painted after a short time from application.

Its broad adhesion range makes it suitable for use on many other materials.

CHARACTERISTICS

- Appearance: Thixotropic paste
- Base: Polyurethane
- Colour: traslucent
- Specific gravity: $1,07 \pm 0,05 \text{ g/cm}^3$
- Operating temperature: -40°C up to $+100^\circ\text{C}$
- Hardness Shore D: 60
- Elongation at break: 30%
- Tensile strength: 20 N/mm^2

SUBSTRATE PREPARATION

The surfaces to be treated must be perfectly clean, dry, and degreased. If possible, sand to remove any residue and to improve the sealant adhesion.

On thermoplastic materials such as PVC, polycarbonate, polypropylene, PMMA, etc., use a water-based detergent (such as No-Sil Aqua). The use of strong solvents should be avoided because they could damage the surface.

On other materials, use acetone. Never use petrol or other solvents.

On plastics such as PP, PE, POM, EPDM and polyamide it is necessary to apply a specific primer (such as Primer Per Polipropilene).

Metallic substrates should be protected with paint or primer before applying the sealant, to avoid adhesion loss over time.

APPLICATION

Apply the product directly on the surface, with minimum thickness of 0.5 mm.

Join the surfaces to be glued within 45 seconds from the adhesive application and keep them tightly in place, pressing evenly on the entire joint surface.

Application temperature: 10°C to 30°C .

DRYING TIME

Working time: 45 seconds

Clamp time: 3 minutes

Sanding time: 180 minutes

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

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