

GELFLEX 334

DEFINITION

One-component, fast-hardening, polyurethane adhesive/sealant that cures when exposed to atmospheric moisture. When cured, it forms a joint of high, permanent elasticity, with a good resistance to tear and to weather. Can easily be brushed and levelled, it is highly recommended for thin layer application. It is suitable for sealing seams, spot and wire welds, body joints in bonnets, wheel housings and bumpers.

Its outstanding anti-sagging properties make it the ideal product for industrial bodywork.

Excellent adhesion on many substrates: painted metal, wood, anodized aluminium, polyester, glass, concrete, baked clay, stone, ceramic tiles. For difficult materials, including plastics such as PVC, ABS, PMMA, or materials such as raw aluminium or lacquered metal, perform preliminary tests to determine whether a surface preparation is necessary.

CHARACTERISTICS

- Appearance: thixotropic paste
- Colour: white, gray, black
- Specific gravity: $1,15 \pm 0,02 \text{ g/cm}^3$
- Operating temperature: -40°C up to $+90^\circ\text{C}$
- Hardness Shore A (ISO 868 – 3 seconds): 45
- Elongation at break (ISO 8339): $>600\%$
- Modulus at 100 % (ISO 8339): 0.5 MPa
- Modulus at break (ISO 37): 1.4 MPa
- Tear strength (ISO 34) (DIN 53515) 10 MPa
- Sagging (ISO 7390): $< 3 \text{ mm}$
- Resistance to diluted acids and alkalis: average
- UV resistance: Good
- Weathering resistance: Excellent

SUBSTRATE PREPARATION

Surface to be treated must be perfectly cleaned, dry and degreased.

It is advisable to test preliminarily the adhesion to the substrate.

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.

DRYING TIME

- Tack free (23°C – 50% r.h.): 60 minutes
- Curing rate (23°C – 50% r.h.): >3.0 mm/24h

OVERCOATING

Overcoatable with water based and solvent based paints.

Due to the variety of paint cycles and application conditions, it is recommended to conduct preliminary tests to verify the compatibility of the chosen coating system with the applied product. Each cycle must be evaluated in advance, as variables can significantly influence the final result.

STORAGE

Store the product in a cool dry environment, protected from direct sunlight, at temperatures between 5°C and 30°C.

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