

Duragrip Adhesive Sealant

Product Description

High performance solvent-free adhesive sealant

Duragrip Adhesive Sealant is a high-performance, solvent-free sealant and adhesive designed to bond GRP (Glass Reinforced Plastic) to a wide range of surfaces, including metal, wood, concrete, and brick. It remains flexible once cured, is resistant to weather, UV, and chemicals, and performs reliably in both wet and dry conditions.

Key Features

- High-strength bonding and sealing
- Excellent adhesion to a wide variety of substrates
- Flexible and durable
- Suitable for interior and exterior use

Typical Uses

- Bonding GRP nosings, stair treads, decking strips, and flat sheets
- Sealing vertical expansion joints
- Durable bonding for structural and architectural applications
- General-purpose sealant for construction and maintenance

Colour:

Duragrip Adhesive is grey in colour.

Packaging:

Duragrip Adhesive is supplied in 380ml cartridges.

Direction For Use

Surface Preparation

Ensure all surfaces are clean, dry (or slightly damp), and free from dust, oil, grease, and loose material. Do not apply on surfaces with standing water.

Application Instructions

1. Cut the cartridge tip carefully.
2. Attach the nozzle and cut to required bead size.
3. Apply using a standard sealant gun.
4. For bonding GRP products, apply 1–2 continuous beads to the back and press firmly into place immediately.

Technical Specifications

Material:	Polymer Rubber
Skin Time (20°C / 65% RH):	20–30 minutes
Application Temperature:	+5°C to +35°C
Service Temperature:	-40°C to +120°C
Chemical Resistance:	Resistant to most dilute acids and alkalis. Organic solvents may cause swelling and loss of adhesion. Strong cleaning agents may deteriorate surface.
UV Resistance:	Very Good
Service Life:	25+ years (reduced in high-traffic areas)
Movement Accommodation - Butt Joints:	±35%
Movement Accommodation - Lap Joints:	±70%
Modulus @ 100% Extension:	1.0 – 1.12 N/mm ²
Ultimate Elongation:	220%
Tensile Strength @ Break:	1.3 – 1.6 N/mm ²
Typical Shore A Hardness:	Approx. 50

Coverage

Approximately 14 linear meters per 380ml cartridge

Shelf Life & Storage

12 months in unopened original packaging stored in cool, dry conditions.

Health & Safety

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

Any Questions

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.