

HERITAGE PUTTY

Version No. 3

Revision Date: 28/08/2019

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DESCRIPTION

Heritage Putty is an elastic, paintable, hybrid polymer based, cartridge applied putty for the installation of single glass, insulating glass units (IGUs) and reduced sightline units into softwood, hardwood, steel and stone frames.

For restoration and replacement of glazing in period properties, listed buildings and conservation areas.

For best long-term results, Heritage Putty should be used in conjunction with IGUs that fully meet the requirements of the Construction Products Regulations, have been independently tested, and are manufactured to BS EN 1279 Parts 1-6.

The glazing methodology and the quality of workmanship is of paramount importance in protecting IGU's and laminated products from the effects of moisture. Any glazing methods employed must follow the IGU manufacturer's recommendations, as per GGF Advice 50.5 (available on request).

KEY FEATURES

Proven Moisture cure, durable and permanently elastic putty product.	Suitable for use in contact with the edge sealant of Insulated Glass Units.*
Can be painted within hours**.	Suitable for use in contact with the PVB interlayer of laminated glass.*
Low Residual Tack	High strength and durable.
Sensitiser Free – Limits allergic reactions	Optimised application and tooling properties
Good tooling properties.	Isocyanate, silicone and solvent free.
Suitable for internal or external use.	Good adhesion to most surfaces.

USES

For glazing single or laminated glass where the appearance of a traditional putty front is required.	For glazing Insulating Glass Units (IGU) where the appearance of a traditional putty front is required.
For glazing reduced sightline / slim style / heritage units where the appearance of a traditional putty front is required.	For bead glazing single glass, IGU's or reduced sightline units where a paintable elastic bedding compound is required.
For use in the H1 Glazing System where a sole paintable and elastic bedding and fronting compound is required.	For use in the H5 Glazing System where a paintable elastic bedding compound is required in conjunction with the use of a traditional putty type for fronting.
For use in the H7 Glazing System where a paintable, elastic bedding compound is required where glass types are to be fitted with a bead (bead glazed).	

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PERFORMANCE

Adhesion: Excellent to prepared timber, steel and stone.

Base technology: Hybrid Polymer.

Curing system: Cures in the presence of moisture (moisture cure).

Skin Formation: 10-15 min @23°C @ 50% RH

Shrinkage: <2.5%

Specific gravity: 1.6 g/ml

Slump: Nil

Service temperature range: -40°C to +90°C

Slump: Non Sag

Shore A hardness: 70-75

UV resistance: Excellent

Elongation at break: >150%

Service temperature range: -40°C to +90°C

*Note: Compatibility of Heritage Putty with the edge sealants used to construct insulating glass units is based upon both formal testing with edge seal manufacturers and experience. We do not have any reasons that indicate any incompatibilities; however, the manufacturer can change the formulation and type of edge sealants used at any time. Due to this, compatibility cannot be guaranteed. The glazing method employed should always be based on the glass unit manufacturers' instruction.

**Paintability: Paintable with water and solvent based systems. It is recommended that due to the availability of many different paint types that compatibility tests are conducted prior to painting. Heritage Putty can extend the drying time of solvent-based paint systems, the use of a water based paint system can be considered to avoid this. Skin formation and curing times of Heritage Putty will vary depending upon temperature and humidity, lower temperatures and low humidity will extend rates of cure. For best results, it is recommended to apply paint a few days after glazing.

APPLICATION

PROPERTIES

Application temperature range: +5°C to +30°C

Priming: Surfaces should be primed accordingly, depending upon frame / substrate type.

Shelf life: 18 months when stored in cool, dry conditions.

Skimming time: 20 minutes

Working time: 5-10 minutes

INSTRUCTIONS

Surface preparation: All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer to rebate if required.

Ensure established good practice is followed for the installation of glass or IGU. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed. Cut the top of the screw thread off the cartridge and screw on the nozzle. Cut nozzle to correct diameter for joint size. If putty fronting this size should be the distance from the front of the glass to the front of the frame. Apply using a skeleton or powered gun into the joint ensuring good contact with surfaces.

Tooling: Tool immediately after sealant has been applied and within the working time for the product.

The use of spray applied mild soap solution along with a suitable tooling block should be considered subject to glazing details.

Cleaning: Excess uncured material can be removed mechanically and surfaces cleaned with soap solution. Do not allow to fully cure on unwanted areas of frame. Cured product can be removed from glass with a window scraper.

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EQUIPMENT

A selection of useful tools and accessories is also available and includes hand & air operated guns for cartridge and/or sausage application including a 'high power' type especially suitable for filling deep voids. Tooling and cleaning products will be required.

PACKAGING

290ml cartridges – 12 per case
(600ml foil Sausages – 12 per case upon Request)

Colours: White, Black.

ESTIMATING QUANTITIES

Linear meters of glazing per 290ml cartridge for putty fronting in accordance with H1 Glazing System

		Single Glass		Units	
		Rebate Height		Rebate Height	
		8mm	12mm	8mm	12mm
Platform width	16mm	4.39m	3.12m	-	-
	26mm	2.74m	1.90m	2.93m	2.20m

Based on: 1.5mm thick back bedding
3mm edge clearance
4mm thick single glass
11mm thick slim style IG units

This calculation does not allow for wastage.

HEALTH AND SAFETY

Non-flammable.
Wash hands immediately after use.

See Product Safety Data Sheet for further information.

GENERAL

Heritage Putty is part of a full range of speciality sealants and tapes designed for the professional user. For further information please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.