

# GaraDry™

**GARADRY SEALANT & ADHESIVE 290ML BLACK Universal** is a high quality professional universal sealant and adhesive based on hybrid technology, which cures under influence of humidity to form a durable elastic rubber.

## Benefits

- Universal bonding and sealing for interior and exterior use
- Permanently elastic
- Free of isocyanates, solvents and silicones
- No shrinkage and bubble free
- Resistant to UV, moisture, mould and weather
- Adheres perfectly without primer on most, even damp, surfaces
- Neutral curing, almost odourless
- Non corrosive towards metals
- High mechanical resistance, end strength and E-modulus
- Absorbs acoustic and mechanical vibrations

## Applications

GARADRY SEALANT & ADHESIVE 290ML BLACK was specifically developed as a universal sealant for the installation of GaraDry's garage door thresholds. Universal construction adhesive can be used for bonding many building materials such as: stone, concrete, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, alloys, stainless steel, HPL and cement fibre panels, wood and paint systems. For sealing and bonding in cold storage cells and kitchens.

## Directions Of Use

Apply adhesive as per installation instructions or as required. Only for use on clean, solid surfaces, free from dust, grease, oil and debris. For further questions please contact our technical service.

## Technical Specifications

100 % modulus	DIN 53504 S2	1,15 N/mm <sup>2</sup>
Application rate	@ Ø2,5 mm/6,3 bar	100-300 g/min
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,56 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505 3 sec.	52
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	2,00 N/mm <sup>2</sup>

*These are typical values*

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## Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)

## Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean and free of grease and dust. Clean substrates with Cleaner. GARADRY SEALANT & ADHESIVE 290ML BLACK adheres perfectly without the use of a primer to most non porous substrates. Pre-treat porous substrates with Primer B1. Always test adhesion prior to application. Use Finisher to smooth the joint.

## Paintability

GARADRY SEALANT & ADHESIVE 290ML BLACK is paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommend testing compatibility with paint prior to application. If GARADRY SEALANT & ADHESIVE 290ML BLACK is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with Scotch-Brite. For the best results, we recommend painting a few days after application.


## Cleaning

Uncured material and tools can be cleaned by using Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Wipes.

## Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months (exception for pressure pack shelf life is 12 months) when stored as recommended in original unopened packaging.

## Certifications

	EN 15651-1: F-EXT-INT-CC 25HM
	EN 15651-3: S XS3
	EN 15651-4: PW-EXT-INT-CC 25HM
	Eimcode EC1 Plus
	ISEGA
	A+ French VOC Regulation
	LEED Emission Certificate M1

## Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

## Warranty & Guarantee

GaraDry Ltd warrants that its product complies, within its shelf life, to its specification.