



Den Braven

Technical Data Sheet

Zwaluw® Mirrorfix-MS

Hybrid solventfree mirror adhesive



Product Description

Zwaluw Mirrorfix-MS is a high quality and professional adhesive with extreme high tack properties especially for mirror bonding based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Benefits

- Especially for bonding mirrors.
- High initial tack.
- Free of isocyanates, solvents and silicones.
- Neutral curing, almost odourless.

Applications

Zwaluw Mirrorfix-MS has been especially developed for bonding of mirrors, manufactured according to DIN EN 1036-2, on all classic building substrates. For bonding decorative and acoustic tiles. Suitable for surfaces made of wood, stone, concrete, plasterboard, tiles, steel, aluminium and good paintwork.

Directions of Use

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10 - 20 cm distance in between. Bring the mirror into position and press well to make sure that the thickness of the adhesive is minimum 2-3 mm between mirror and surface. Do not apply the adhesive in dots! Because of the high initial strength support during curing is usually not necessary. For further questions please contact our technical department.

Mirrorfix-MS has been tested on conventional and powder coated mirrors with a positive result. However due to the wide variety of coatings is an adhesion test prior the application is recommended.

Additional information

100% Modulus	N/mm2	1,39 MPa
Application Rate	g/min @3mm/4 bar	20
Application Temperature		+5°C till +40°C
Base		Hybrid
Curing Time		± 2-3 mm/24 hours
Density		1,57 g/ml
Elongation at Break		335%
Frost Resistance during transportation		Till -15°C
Shore-A hardness	DIN 53505	55 Shore A
Skin Formation	@23°C/55% RH	15 min
Temperature Resistance		-40°C till +90°C
Tensile Strength	N/mm2	2,20 MPa

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates
- Not suitable for continuous water load
- Not suitable for movement joints
- Discoloration can occur in dark places and by contact with chemicals

Surface Preparations and Finishing

Application temperature +5°C to +40°C (environment and substrate). Surfaces must be dry, clean and solid. Clean surfaces with Zwaluw Cleaner. Zwaluw Mirrorfix MS adheres perfectly without the use of a primer to most non porous substrates. Porous surfaces to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

Cleaning



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

Colour(s)

- White



Packaging

- Cartridge 290 ml

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after production date, stored in a dry place.

Certifications

	Emicode EC1 Plus
	M1
	A+ (Eurofins ISO 16000)

Health & Safety

Product Health and Safety Data Sheet must be read and understood before use. These are available on request and via the Den Braven websites.

Warranty & Guarantee

Den Braven warrants that its product complies, within its shelf life, to its specification.

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