Den Braven

Mirrorfix-MS

Professional hybrid adhesive for mirrors with extremely high initial tack



PRODUCT DESCRIPTION

Zwaluw Mirrorfix-MS is a high quality professional adhesive with extremely high initial tack based on hybrid technology for mirror bonding. It cures under influence of humidity to form a durable elastic rubber.

KEY BENEFITS

Specifically for bonding mirrors
Extremely high initial tack
Excellent tensile strength
Free of isocyanates, solvents and silicones
Neutral curing, almost odourless

APPLICATIONS

Zwaluw Mirrorfix-MS was specifically developed for bonding mirrors to substrates like wood, stone, concrete, gypsum, plasterboard, tiles, steel and aluminium. Also suitable for bonding decorative and acoustic tiles.

DIRECTION FOR USE

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10-20 cm distance between stripes. Bring the materials into position and press firmly so that the adhesive is a minimum of 2-3 mm thick between material 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 was tested on conventional and powder coated mirrors with positive results. Due to the wide variety of coatings is an adhesion test prior the application is recommended.

TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	1,39 N/mm²
Application Temperature		+5°C to +40°C
Base		Hybrid
Application Rate	@ Ø2,5 mm/6,3 bar	10-20 g/min
Curing Time	@ +23°C/50% RH	Approximately 2-3 mm/24 hours
Density	ISO 1183-1	1,57 g/ml
Elongation At Break	DIN 53504 S2	335%
Frost Resistance		Up to -15°C
Shore A Hardness	DIN 53505	55
Skin Formation	@ +23°C/50% RH - DBTM 10	15 minutes
Temperature Resistance		-40°C to +90°C
Tensile Strength	DIN 53504 S2	2.20 N/mm²

These are typical values

LIMITATIONS

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates,Not suitable for continuous exposure to water,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 (applies to environment and substrates). Due to the structure of the Zwaluw Mirrorfix-MS we recommend using a caulking gun with the correct transmission in combination with the V-nozzle. All substrates must be solid, clean and free of grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Mirrorfix-MS adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer Universal. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

CLEANING

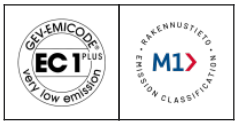
Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

SHELF LIFE

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

BOSTIK CERTIFICATIONS

- Emicode EC1 Plus – very low emission
- A+ (Eurofins ISO 16000)
- 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

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

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