



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/mm ²
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/mm ²

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

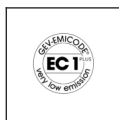
Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

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

- Emission EC1 Plus – very low emission
- M1
- A+ (Eurofins ISO 16000)



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.

DISCLAIMER

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Bostik reserves the right to amend the

wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.