



METYLAN

MALER - Acryl Turbo

Technical Data Sheet v.1, June 2026

One-part acrylic sealant – can be painted over immediately

CHARACTERISTICS

METYLAN MALER - Acryl Turbo is an immediately paintable, one-component joint sealant with a high degree of whiteness, based on an acrylic dispersion.

- Suitable for sealing joints with low movement stress in interior areas, as well as for filling cracks and small holes
- Directly paintable with water-based and synthetic paints for fast work progress
- Excellent paint compatibility
- Self-adhesive on most common construction substrates
- Minimal risk of paint cracking
- Easy to apply
- Almost odorless
- Extremely low volume shrinkage
- Solvent-free
- Free from phthalate plasticizers

APPLICATION FIELD

- Sealing of connection joints with low movements indoor
- For sealing connection joints between walls, ceilings, skirting boards, trims, stairs and window sills in concrete and masonry indoors
- For filling cracks, screw and nail holes in walls and ceilings made of wood, plaster, gypsum, stone, masonry, concrete, etc.
- For connection joints sealed/filled during wallpapering and painting



STANDARDS

Conforms to EN 15651-1 (CE marking)	Product type F-INT: sealant for interior application
GEV EMICODE®	EC 1 ^{plus} (very low emissions)
VOC emission class (France)	Class A+
EN 13501-1	Reaction to fire: Class E



INSTRUCTIONS FOR USE

METYLAN MALER - Acryl Turbo is supplied ready to use and can be applied from the cartridge using a standard cartridge gun.

Substrate preparation

The joint flanks must be sound, clean and dry, and free from dust, grease or other separating substances that could impair adhesion. Residues of old sealants, other contaminants and mold must be completely removed. Grease can be removed using an appropriate cleaner. For optimal results, it is recommended to mask the joint edges with adhesive tape before applying the sealant.

Priming

Although METYLAN MALER - Acryl Turbo adheres well to most surfaces, we recommend moistening the joint flanks on highly absorbent substrates (e.g. plaster, concrete).

Joint dimensions

When designing joints, ensure sufficient joint dimensions. To prevent 3-sided adhesion, insert closed-cell PE backing material into the joint. Proper movement-accommodating sealants for rectangular joints should have a minimum joint width and depth of 5 mm to ensure durable adhesion to the joint flanks. In general, the width should be at least 10 mm and a maximum of 30 mm. Up to 10 mm joint width: depth = width, over 10 - 30 mm joint width: depth should not exceed half the width. For triangular joints, a minimum joint flank width of 5 mm must also be observed.

Cut open the cartridge above the thread, screw on the nozzle, and cut it according to the joint width. Apply the sealant without air bubbles. Immediately smooth the sealant with a suitable tool after application. If necessary, lightly spray the sealant or tool with clean water. Smoothing ensures a firm bond between the sealant and the joint flanks. Remove the masking tape before a skin forms on the surface and smooth any excess sealant.

Cleaning

Fresh, uncured product can be easily removed with water. The same applies to cleaning tools. Cured sealant is insoluble in all solvents and can only be removed mechanically (e.g. with a knife).

Please note

METYLAN MALER - Acryl Turbo can be overpainted with standard paints and coatings. Due to the wide variety of paints available on the market, we always recommend performing preliminary tests to check paint compatibility and overpaintability before application.

TECHNICAL DATA

Uncured product		
Base	Acrylate dispersion, waterbased	
Odour	Characteristic	
Application temperature, °C	5 - 40	(substrate and ambient)
Consistency	Non-slump paste	
Density, g/cm ³	~ 0.7	(ISO 2811-1)
Skin formation time, minutes	~ 2	(23°C, 50% r.h.)
Curing speed, mm/hours	~ 1/24	(23°C, 50% r.h., bead 20x10mm)

Cured product		
Odour	Odorless	
Shore A hardness	~ 35	(ISO 868)
Elongation at break, %	~ 50	(ISO 8339-A, M1)
Elongation at break, %	95	(ISO 37)
Tensile strength, N/mm ²	0.3	(ISO 37)
Shrinkage, %	~ -6	(ISO 10563)
Recommended joint width, mm	max. 30	
Service temperature, °C	-20 - 80	

LIMITATIONS

Not suitable for connection joints in drywall construction (= high movement joints).

Not suitable for joints with water pressure or joints with permanent exposure to water/moisture (underwater systems, sanitary installations, flooring joints, balconies and terraces). Do not use METYLAN MALER - Acryl Turbo to seal bathtubs or washbasins.

The product is frost-sensitive. After drying, the product is waterproof and frost-resistant.

Application during high temperature changes is not recommended (crack formation due to movements during the curing).

Do not use METYLAN MALER - Acryl Turbo as glazing sealant, in floor joints, movement joints in exterior walls, on marble/natural stones, on bituminous substrates, natural rubber, chloroprene, EPDM or on building materials which might bleed oils, plasticizers or solvents which could attack the sealant. Do not use on easy corroding substrates like blank steel, iron etc.

For further information not listed here, please contact our Technical Service.

GENERAL INFORMATION

Surfaces

The product is suitable for many types of construction materials: concrete, brick, fibre-concrete, wall filler, gypsum plasterboards, anodized aluminium, painted wood etc. No adhesion to PE, PP, PTFE(Teflon®). Not recommended for marble, tile, ceramics. On plastics and paints the adhesion properties should be tested before use. In cases of unknown materials or critical applications adhesions tests are recommended or contact our Technical Service.



Storage

18 months from date of production if stored in unopened original cartridges, in dry conditions and protected from direct sunlight at temperatures between 10 - 25°C.

Chemical resistance

The product is not recommended for applications involving contact with chemicals.

Packaging

Short code	Color	Packaging
MATU1	White	Cartridge 300ml

DISPOSAL

Small, dry residues can be disposed of with household/commercial waste. Dispose of large quantities separately. Empty packaging should be recycled. The European waste code can be found in the Safety Data Sheet.

HEALTH AND SAFETY

It is recommended to consult the current safety data sheet for precautions and safety advice before starting processing. The safety data sheet is available at www.mysds.henkel.com. For Information for allergy sufferers on Tel. 0049 (0)211 797 0 (keyword emergency)



The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

