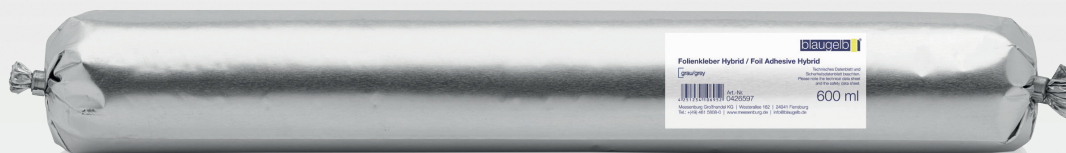


The building block for bonding blaugelb foils inside and outside.



blaugelb Foil Adhesive Hybrid grey

Easy to process, reliable adhesion.

- Outstandingly suitable for bonding fleece-backed blaugelb foils
- Very good processability thanks to softer formulation
- Moisture and temperature-resistant
- Weather and water-resistant once cured
- Can be used from as low as 0°C
- Permanently elastic, compensates for unevenness and material movements
- Very easy to plaster over once cured
- Tested to be very low in pollutants according to EMICODE EC1 Plus

Product features:

The blaugelb Foil Adhesive Hybrid grey is a one-component, permanently elastic adhesive on a hybrid polymer basis for bonding blaugelb foils to structures.

Designed for indoor and outdoor use, the blaugelb Foil Adhesive Hybrid grey is water-resistant and also weather and UV-resistant. Thanks to its good initial adhesion, it can usually be applied without primer to almost all – even wet – substrates encountered in construction. A softer formulation has been defined for ease of processing.

Applications:

The blaugelb Foil Adhesive Hybrid grey is especially suitable for bonding fleece-backed blaugelb foils when connecting door/window frames to reveals made from masonry, concrete, plaster, cement etc., to meet the requirements of expert installation and airtightness.

Substrates:

All substrates normally encountered in building construction, such as concrete, porous concrete, plasterboard, plaster, masonry, fibre cement, wood, rigid PVC, aluminium, metals, GRP, etc. Do not use on bitumen, PE, PP, PTFE or silicones. Incompatibility may occur on porous natural stone (e.g. sandstone, marble etc.) and on plastics containing plasticisers (e.g. soft PVC, butyl rubber, APTK). EPDM foils can be bonded but incompatibility is possible due to the plasticiser content in the foils.

Product benefits:

- Outstandingly suitable for bonding fleece-backed blaugelb foils
- Very good processability thanks to softer formulation
- Moisture and temperature-resistant
- Weather and water-resistant once cured
- Can be used from as low as 0°C (ambient temperature and substrate, ice-free)
- Permanently elastic, compensates for unevenness and material movements
- Silicone, isocyanate and solvent-free
- Non-corrosive
- Almost odourless
- Very easy to plaster over once cured
- Suitable for all standard construction surfaces*
- Building material class B2 (DIN 4102)
- Tested to be very low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Technical data:

Material base:	1C hybrid polymer
Colour:	Grey
Curing system:	Polymerisation by atmospheric humidity
Building material class: DIN 4102-4	B2
Curing speed: At 23°C and 50% rel. humidity	Approx. 2 mm / 24 hrs.
Skin formation: At 23°C and 50% rel. humidity	Approx. 10 minutes
Density: DIN 53479	1.45 g/ml
Shore A hardness:	50 ± 5
Max. permissible deformation: DIN EN ISO 11600	25 %
Change in volume: DIN EN ISO 10563	-2 to -3 vol. %
Elongation at break: DIN 53504	> 900 %
Elastic recovery: ISO 7389-B	> 70 %
Solvent content:	Free
Isocyanate content:	Free
Processing temperature:	Ambient: 0°C to +40°C Substrate: 0°C to +35°C
Temperature resistance:	From -40°C to +90°C
Moisture resistance:	Waterproof
Ecological report:	EMICODE EC1 Plus
Plastering over:	Very easy to plaster over once cured
Storage life:	12 months in unopened pack at +5°C to +25°C
Delivery form:	600 ml tubular bag

Product name	PU	Item no.
blaugelb Foil Adhesive Hybrid 600 ml grey	12 bags	0426597

Preparation and processing:

The substrate must be firm, stable, clean and free of grease, dust and loose parts. All traces of residue from separating agents used in production or protective films used in transit must be removed from the substrate. The blaugelb Foil Adhesive Hybrid grey also adheres to moist surfaces and even under water, but the best tack values are achieved on dry substrates. Before application, the suitability of the material for the intended application is to be verified through appropriate tests performed by the customer.

Apply the blaugelb Foil Adhesive Hybrid grey in a bead approx. 5 mm thick (gap-free, to assure airtightness). Then press on the blaugelb foil evenly with a pressure roller until a residual bead thickness of 1-2 mm remains. The residual thickness is necessary to assure curing of the adhesive. Do not apply loads to the foil over the next 5 hours as its permanent ability to absorb movement cannot otherwise be guaranteed. Once the adhesive has achieved full cure, the bond is fully load bearing.

Curing takes place by reaction with atmospheric humidity from the outside inwards, and therefore slows down as time passes. Curing also slows down at low temperatures and/or if atmospheric humidity is low.

Cleaning and repair:

Before curing, it can be cleaned using turpentine substitute; after curing, the blaugelb Foil Adhesive Hybrid grey can be removed with a silicone remover or mechanically. Repairs to the joint of blaugelb Foil Adhesive Hybrid grey can be performed using the same material.

Delivery and storage form:

Store in the original packaging in a dry place and protect against effects of frost and heat. Can be stored in the unopened packaging for 12 months at a storage temperature between +5°C and +25°C.

Disposal:

The disposal conforms with the national specifications.

Safety note:

Please note the safety data sheets. Only for trade use.