Adhesive & Coating Mortar
Base Coat 'G'

Granol Base Coat 'G'

Material:
An industrial dry mortar in compliance with DIN 18567. Properties correspond to mortar type P2, hydrophobic in compliance with DIN 18550.
Consists of standardised mineral binders, granulated aggregates and proven additives.

Properties:
Good adhesion properties and high diffusion capability die to mineral binders and special aggregates.
Ideal modulus of elasticity ensures the best possible prevention of cracks.

Application:
For use to bond all Granol EPS or mineral wool insulation boards. To fit in Granol armouring mesh, to fit in stainless steel edges, stainless steel edge guard strips, plastic mesh angles and stainless steel mesh angles.
Granol adhesive and coating 'G' can also be used to level out rough and stable substrates, and in combination with Granol armouring mesh, to redevelop cracked façade sections with subsequent application of final coating.

Technical data:

Tensile strength, dry:	> 0.1 N/mm²
Tensile strength, wet:	> 0.1 N/mm²
Mortar type P2 in compliance with DIN 18550	
Settled apparent density:	1.28kg/m³ approx
Bulk density of hardened mortar:	1.62kg/m³ approx
Resistance to pressure:	7N/mm² approx
Co-efficient of water absorption:	< 0.5kg/m²n½
Elasticity module (dynamic):	25001 N/mm² approx
Caloric conductibility:	0.87 W/m"K
Resistance factor of vapour diffusion:	10/35

Substrate:
Granol adhesive and coating mortar 'G' adheres to all stable, dry and even substrates, remove all residual mortar, loose particles contamination, release agent residue and efflorescence or bloom must be removed prior to application.
Level out any tolerances of substrate >1c.

Substrates with strong absorption should be pre-treated with a Granol base layer concentrate (dilute with water, ratio 1:5) or thoroughly humidified with water.

If in doubt about the substrate, please consult our technical advisory service.

Processing:
Granol adhesive and coating mortar 'G' may be processed with all regular coating machines

Please observe vendors instructions for use.

For manual use, mix dry mortar thoroughly with clean water approx 6 to 7 litres per bag.

Processing time dependant on the weather conditions 1 to 3 hours.

To bond Granol EPS foam board to uneven substrates, apply mortar with a dentiform levelling device 10/12 to the dry surface. For uneven substrates use the rolling procedure applying, applying the mortar as roll close to the board edges and in two strips in the inner

section of the board, thus dividing the board into three sections. Drying period approx 2 or 3 days, depending on the substrate and weather condition

To fit Granol Mesh, apply Granol adhesive and coating mortar 'G' over all over the surface of the boards, using a trowel. Insert armouring mesh in vertical strips avoiding formation of folds, and even out on the whole surface. Layer thickness for mortar and issue at least 3mm. The mesh has to be placed in the upper section of the mortar layer, single strips need to be overlapped by at least 10mm.
Do not apply at temperatures below +5°C or on a frozen substrate.

Consumption:
Depending on the adhesive method approx 4-5kg/ m²
For coating and embedded armouring mesh approx 3.5kg/ m²
Determine exact consumption rate with a sample layer.

Delivery:
In 25 kg paper sacks packed on EURO leased pallets.

Stocking:
It is essential that the product is stored in a dry place.

Special Instructions
Do not add other binding agents or adhesives to the blend.
Paints and coatings may only be applied after mortar has dried completely.

Information on risks and safety:
Protect skin and eyes as mortar exhibits strong alkaline reaction to moisture.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
May cause sensitisation by skin contact.
For all other data relating to safety please refer to the safety data sheet.

Disposal:
Waste material code: 91206
Allow drying of residual material and dispose of as construction waste.