

Product Data Sheet

ELASTOMERIC PLOYMERIZED BITUMINOUR

ABOUT THE PRODUCT:

Aquafelt G+ is a single-component, water-based elastomeric polymerized bituminous membrane. It is a cold-applied membrane that can be easily applied using a brush or roller. For enhanced performance, Aquafelt G+ can be coated with Reflex (aluminum finish) to provide heat reflection and UV resistance.

BENEFITS OF THE PRODUCT:

- Easy application with brush and roller
- Water-based formulation
- Flexible and adheres well to the substrate
- Cold-applied for convenience
- Excellent impermeability to water
- Superior crack-bridging properties
- Prevents the growth of algae and fungus
- Resistant to cracking with age
- Non-toxic and safe to use

PACKING DETAILS:

Aquafelt G+ is a single-component product available in 20-litre buckets.

PRODUCT USES:

Aquafelt G+ is ideal for waterproofing corrugated asbestos, galvanized iron sheets, and concrete roofs.

MIXING:

- **Primer Application:** Mix Aquafelt G+ with water in a 1:1 ratio and apply it to the prepared surface as a primer.

APPLICATION PROCESS:

- **First Coat:** Once the primer dries to a tacky consistency, apply the first coat of Aquafelt G+ using a brush or roller.
- **Reinforcement:** While the first coat is still wet, place a polyester fiber mesh or geotextile sheet over it. Allow the first coat to dry along with the geotextile sheet.
- **Second Coat:** Apply the second coat of Aquafelt G+ while the first coat is still tacky to ensure the mesh or geotextile is fully embedded between the layers.

STORAGE AND HANDLING INSTRUCTIONS:

- **Storage:** Always store Aquafelt G+ in a covered area, away from direct sunlight.
- **Shelf Life:** 24 months from the date of manufacturing.

SAFETY PRECAUTIONS:

- Wear protective gloves and goggles during application.
- In case of splashes on skin or eyes, rinse immediately with clean water.
- For prolonged exposure or ingestion, seek medical attention promptly.

TECHNICAL PROPERTIES

Product Appearance	Semi Paste
Aspect	Black Paste/Black viscous liquid
Theoretical Coverage @ 1.20 mm DFT, kg/m ²	2.1
Specific gravity @ 30 °C	1.0 ± 0.01
Viscosity by Brookfield @ 25 °C, cps	1000 -1800
Drying Condition, Minutes	40 -50
Elongation% after 7 days (1.50 mm film)	> 200
Tensile Strength after 7 days (1.50 mm film), MPa	0.5
Water Absorption, %	< 1
Hardness, Shore A , After 7 days	> 50

QUALITY ASSURANCES:

Manufacturing Standards: Aquafelt G+ is produced under stringent quality control measures, ensuring compatibility with various climatic conditions across India.

The information given in this data sheet is based on both current development and many years of field experience. While every effort is made to ensure that the information is reliable, we cannot accept responsibility of any work carried out with our products as we have no control over the application procedure adopted at site and site conditions. In view of continuous research and development in our laboratory, we advise customers, in their own interest, to ensure that this data sheet has not been superseded by any other publication. Field services where provided, does not constitute supervisory responsibility. For additional information, Golden Chemical local representative or customer care department may be contacted.