Technical Data Sheet

STARCOAT HYBRID
Liquid Waterproofing

Starcoat Hybrid is a single-component liquid waterproofing based on flexible hybrid polymers which is solvent-free, isocyanate-free and almost odour-free.

Starcoat Hybrid liquid waterproofing cures through reaction with the air humidity which remains flexible at very low temperatures. Combined with the Matcoat PY 110 reinforcement membrane it is designed to create durable, reliable, seamless, monolithic roof waterproofing membranes which can be applied using a wet-on-wet technique.

Starcoat Hybrid is used with Axter's Matcoat PY 110 reinforcement in warm, uninsulated and inverted roof applications and is compatible with a range of surfaces including concrete, timber, certain bituminous membranes and metal subject to appropriate preparation.

Achieves Broof(t4) external fire spread classification as part of a tested roof system. Contact Axter Ltd for further details

Certification and compliance

- Manufactured in accordance with ISO 9001 and ISO 14001.
- Axter BBA agrement certificate 25/7475.
- A manufacturer's ETA certificate is available.
- Conformity markings: Refer to IKO Declaration of Performance (DOP) 02415020 010122.

Characteristics

Properties	Unit	Value
Dry substance	%	> 98
Density	g/cm^3	≈ 1.37
Hardness	-	≈ 80 (Shore A 23^{0}C)
Tensile strength	N/mm^2	≈ 5
Elongation	%	≈ 120
Viscosity	mPas	≈ 6500 (25^{0}C, 5rpm, spindle 5)

Packaging

Starcoat Hybrid is supplied in metal tins with lever lock rings to secure the lids.

Product	Unit	Drum size
Quantity	kg	20

Colour

Starcoat Hybrid is available, as standard, in RAL 7037, dusty grey.

Storage and handling

Store product sealed in their original airtight container in a cool, dry and frost-free place.

Unopened tins have a shelf life of 12 months.

Keep the edges of the tin clean.

Reseal the container by replacing the lid and closing the level lock ring securely. Any remaining product must be removed from the outside of the tin.

Once opened, use the product within 1 month. A skin will form on top of the product that needs to be cut out and must not be mixed with the remaining liquid.

Application temperatures

The product can be applied within the following temperature ranges:

	Temperature ^{0}C
Air	5 - 35
Substrate	5 - 30
Product	5 - 30

The temperature of the substrate should remain min. 3°C higher than the dew point during application and curing.

Consumption rate

Product	Consumption rate
Starcoat Hybrid	Min. 2.5 kg/m^2

Application

Safety and risks Please refer to the Safety Data Sheets (SDS) for the products used.

Cleaning Clean the tools thoroughly with Starcoat Hybrid Cleaner.

General information

The above information, especially information about application of the products, is based on extensive development work, experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products. Axter Ltd makes no warranties, express or implied, as to the properties and performance under any variations from such conditions in actual construction.

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