Technical Data Sheet

STARCOAT HYBRID DETAIL
Liquid Waterproofing

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

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

Starcoat Hybrid Detail has a high viscosity which doesn't flow down when applied to high flashings. It is designed for use on complex roof details such as flashings, domes, roof lights, chimneys, air conditioning nozzles, gutters and to balcony and car park details.

Certification

- Manufactured in accordance with ISO 9001 and ISO 14001.
- Axter BBA agrement certificate 25/7475.
- A manufacturer's ETA certificate is available.

Characteristics

Properties	Unit	Value
Dry substance	%	> 98
Density	g/cm^3	≈ 1.35
Hardness	-	≈ 80 (Shore A 23^{0}C)
Tensile strength	N/mm^2	≈ 5
Elongation	%	≈ 120
Viscosity	mPas	≈ 30,000 (25^{0}C, 5rpm, spindle 7, sp 10)

Packaging

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

Product	Unit	Drum size
Quantity	kg	6.5

Colour

Starcoat Hybrid Detail 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

Consumption rate

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

Application

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

Cleaning If work is interrupted or when it is completed, 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.

Axter Ltd reserves the right to modify and update this data at any time without prior notice. Only the latest version of this document is valid, available for download at www.axter.co.uk/downloads. Once downloaded, documents are uncontrolled. Users should always confirm they are referring to the latest version prior to use. Further assistance is available from Axter Ltd's Technical Support Team, email: technical@axterltd.co.uk, telephone: 01473 935008.

The intended use of this product should be verified with Axter Ltd prior to adoption to ensure its suitability and compliance with specifications, project requirements, industry regulations, legislation, good practice, installation techniques and all other relevant guidance. Axter Ltd accepts no liability for non-compliant use of this product.