



TECHNICAL DATA SHEET (TDS)

THE GOAT | 2023



1. Product

1.1. Product Description

The GOAT is an innovative solvent free reactive waterproof coating. The GOAT is applied with a paintbrush or roller to form a waterproof and flexible membrane.

Excellent adhesion to various surfaces and good UV resistance.

The GOAT can be applied on damp surfaces.

The GOAT is suitable for both horizontal and vertical applications and can withstand both positive and negative water pressure.

For waterproofing of structures in concrete or masonry such as basements walls, basement roofs, foundations, terraces and pipe penetrations.

*High adhesion to various building materials: Concrete, blocks, bricks, plastics, various materials, PP, PE, uPVC, roofing, insulation boards (PUR,PIR,XPS,EPS).

*Crack-bridging and elastic

*Waterproofing for both positive and negative water pressure

*Characteristics are retained even after long and direct contact with water

*Resistance to freeze-thaw cycles

*Solvent free

1.2. Product Adhesion

1.2.1. * The Goat has high adhesion to various building materials.

1.2.2. * Concrete, Blocks, Bricks, Plastics, Various materials, PP, PE, uPVC, Roofing, EPDM and insulation boards (PUR, PIR, XPS, EPS).

1.3. Product Characteristics

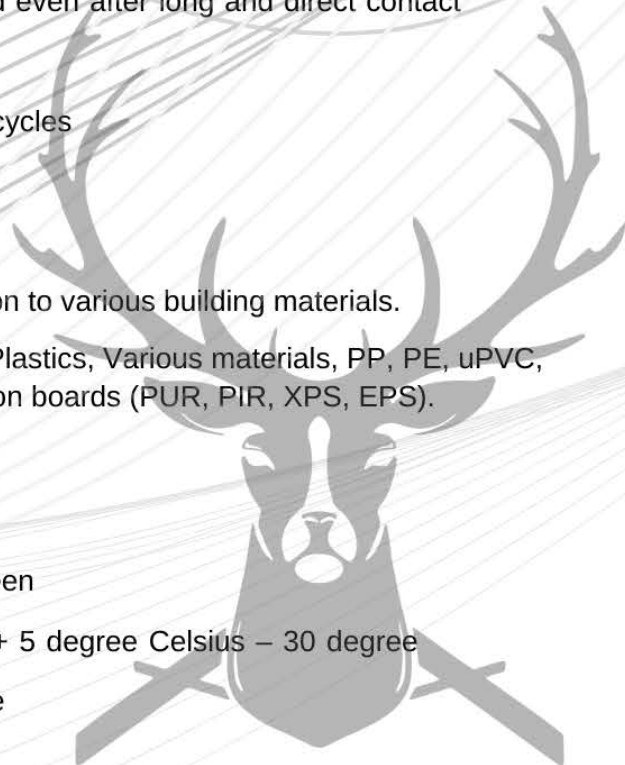
1.3.1. * Liquid

1.3.2. * Colours – Grey, Black, Green

1.3.3. * Application temperatures + 5 degree Celsius – 30 degree

1.3.4. Celsius * Density: 1.4 kg/litre

1.3.5. * Solids: 100%



- 1.3.6. * Minimal consumption: 2 kg/m²
- 1.3.7. * Initial setting: 60 minutes
- 1.3.8. * Final setting 120 minutes
- 1.3.9. * Waterproofing (positive and negative water pressure: > 2.5 bar (EN 1504-2 2005)
- 1.3.10. * Crack Bridging (after 500h): 2mm
- 1.3.11. * Shore A: 40-50
- 1.3.12. * Tensile strength: 0.7 N/mm²
- 1.3.13. * Adhesion to concrete: > 0.5 N/mm²
- 1.3.14. * Elongation: > 400%
- 1.3.15. * Waterproof: Pass (EN14891)

1.4 Product Packaging

- 1.4.1. * Tubs 8kg
- 1.4.2. * Pallets 56 tubs of 10kg – Total 448kg

1.5. Product Storage

The GOAT should be stored in the dry, out of direct sunlight, between 5-25 degree Celsius. Storage for 6 months of manufacture date in original unopened packaging.

2. Application

2.1. Preparation

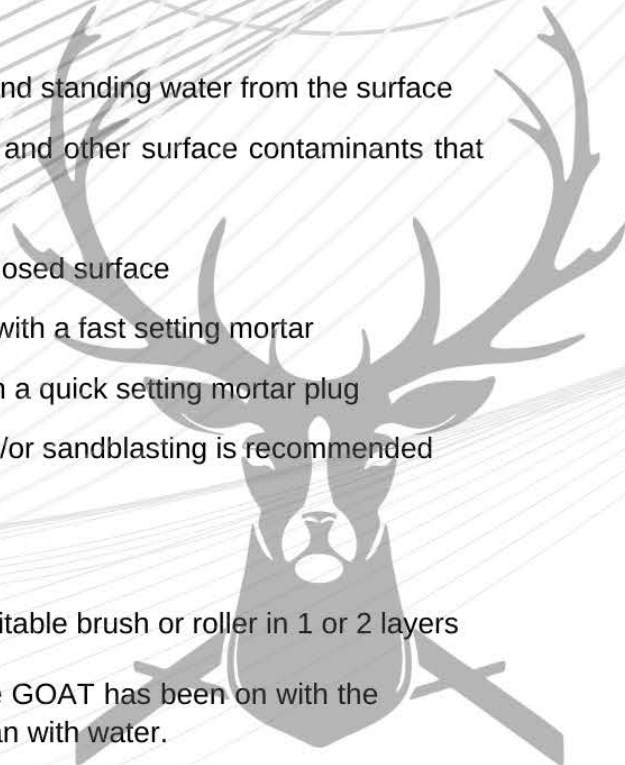
- 2.1.1. *Remove dust, loose parts and standing water from the surface
- 2.1.2. *Remove salt efflorescence and other surface contaminants that can affect adhesion
- 2.1.3. *Only apply on a solid and closed surface
- 2.1.4. *If needed carry out repairs with a fast setting mortar
- 2.1.5. *Close water infiltrations with a quick setting mortar plug
- 2.1.6. *High pressure cleaning and/or sandblasting is recommended

2.2. Application

- 2.2.1. *Apply The GOAT with a suitable brush or roller in 1 or 2 layers

2.3. Cleaner

- 2.3.1. * Clean any equipment The GOAT has been on with the GOAT Cleaner. Do not clean with water.



3.0. Test report's

SUBJECT	NORM	VALUE
VIEW		GREY, BLACK, GREEN
APPLICATION TEMPERATURE		+5 - +30°C (SUBSTRATE TEMPERATURE)
TEMPERATURE IN SERVICE		-30°C - +80°C
DENSITY		1,4 KG/LITRE
SOLIDS		100%
MINIMAL CONSUMPTION		2 KG/M ²
INITIAL SETTING		60 MINUTES
FINAL SETTING		120 MINUTES
WATERPROOFING (POSITIVE AND NEGATIVE WATER PRESSURE)		> 2,5 BAR
CRACK BRIDGING (AFTER 500H)		2 MM
SHORE A		40 - 50
TENSILE STRENGTH		0,7 N/MM ²
ADHESION ON CONCRETE		> 0,5 N/MM ²
ELONGATION		> 400%
WATERPROOF	EN14891 § A.7.	PASS
ADHESION TO: - EPDM - ROOFING - FPO - PVC		++ (*) ++ (*) +++ (*) +++ (*) +++ (*) (*):+++ GOOD; +++: EXCELLENT

SAFETY- Consult the Safety Data Sheet prior to application. Work in ventilated areas.

Always refer to the C.O.S.H.H sheet.

4.0. Do's and don'ts

DO'S

- 4.1. Do a 3-7 patch test on any substrate you intend on using the product on
- 4.2. Do use appropriate PPE according to the nature of the work
- 4.3. Clean up any spills in the area immediately to avoid slippery surface
- 4.4. Use the drip tray when possible
- 4.5. Do store in a safe place away from freezing temperatures/extreme heats
- 4.6. Do recycle or clean and re-use empty tubs
- 4.7. Do use a wet film gauge to measure the thickness of the product
- 4.8. Do mask any surface areas you do not want to get hit from potential product over install
- 4.9. Do always follow H&S guidelines
- 4.10. Do always know where on site accident kit is kept in case of emergency
- 4.11. Do always read the product sheet for further instructions and guidance before application
- 4.12. Do seal tub back up after use
- 4.13. Do use a wet film gauge to verify applied thickness of 1.2kg/m² (0.500 - 1000 microns)

DON'T'S

- 4.14. Do not use under 3 degrees or temperatures expecting to drop below 3 degrees or freezing point within the next 24-48 hours
- 4.15. Do not use in the rain or when rain is expected within the next 1 hour
- 4.16. Do not mix/dilute with water or solvents
- 4.17. Do not consume
- 4.18. Do not use for anything else other than its intended purpose of a window/glazing/façade protective coating i.e. do not use as water-proofing/tanking
- 4.19. Do not apply LESS than the guided amount of at least 0.6kg/m² or ~600 micron - or concrete surfaces: 0.9kg/m² or ~900 micron (~0.9kg/m²). Verify layer thickness with a wet film gauge
- 4.20. Do not keep outside in cold temperatures/always store in a safe place



5.0. DATE OF THIS EDITION: 12/01/2023

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