TECHNICAL DATA SHEET (TDS)

THE GOAT® 7.5KG | 2025/26

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.

- 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
- Can take positive and negative pressures
- Waterproof within 12 seconds

1.2. Product Adhesion

The Goat has high adhesion to various building materials.

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 – Green, Black, White

1.3.3. Application temperatures + 5 degree Celsius – 40 degree Celsius

1.3.4. 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. 7.5kg tubs.

1.4.2. Pallets 72 7.5KG tubs - Total 540 KG

1.5. Product Storage The GOAT should be stored in the dry, out of direct sunlight, between 5-25 degrees Celsius. Storage for 24 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. If needed carry out repairs with a fast setting mortar

2.1.4. Close water infiltrations with a quick setting mortar plug

2.1.5. High pressure cleaning and/or sandblasting is recommended

2.2. Application

2.2.1. Apply THE GOAT(7.5kg) with a brush for penetrations

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	EN 1504-2 (2005)	GREY, BLACK, GREEN BLUE & RED
APPLICATION TEMPERATURE	EN 1504-2 (2005)	+5 - +30°C (SUBSTRATE TEMPERATURE)
TEMPERATURE IN SERVICE	EN 1504-2 (2005)	-30°C - +80°C
DENSITY	EN 1504-2 (2005)	1,35-1,4 KG/LITRE
SOLIDS	EN 1504-2 (2005)	**100%**
MINIMAL CONSUMPTION	EN 1504-2 (2005)	1.5 KG/M²
INITIAL SETTING	EN 1504-2 (2005)	30-60 MINUTES
FINAL SETTING	EN 1504-2 (2005)	24H
WATERPROOFING	EN 1504-2 (2005)	> 2,5 BAR
CRACK BRIDGING (AFTER 500H)	TR009 (2004)	PASS;>O,75MM
SHORE A		40 - 50
TENSILE STRENGTH-STRESS AT BREAK	NBN EN 527-3	1,35 MPA
ADHESION ON CONCRETE	EN 1504-2 (2005)	>1 N/MM2
ELONGATION		+/-350%
WATERPROOF	EN14891 § A.7.	PASS
TENSILE MODULAS	NBN EN12691:2001	0,45 MpA

3.0. Test report's

SUBJECT	NORM	VALUE
ADHESION TO WET CONCRETE	EN 1504-2 (2005)	>1 N/MM2
RESISTANCE TO SLIDING	TR009 (2004)	PASS (<0,1MM)
DYNAMIC INDENTATION	NBN EN 12691 :2001	PASS; 10MM
STATIC INDENTATION	TR007	250 N (L4-P4)
DYNAMIC INDENTATION	TR006	I4 (XPS)
FIRE RESISTANCE	EN 13501-5	PASS- BROOF (T1)
Adhesion to - EPDM - Roofing - FPO - PVC - PVC P, Tricomer - Plasterboard - Fibre cement board - CLT (wood), Multiplex (wood), OSB - Betonplex (wood), Purenit® - Wood fibre board - PUR, PIR, XPS, EPS - Ytong – calcium silicate stone - Metal	ISO 4624	 ++ (*) ++ (*) +++ (*) ++ (*) +++ (*) +++ (*) +++ (*) +++ (*) +++ (*) +++ (*) +++ (*) +++ (*) +++ (*) (*) :++: 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 use appropriate PPE according to the nature of the work

4.2. Clean up any spills in the area immediately to avoid slippery surface

4.3. Do store in a safe place away from freezing temperatures/extreme heats

4.4. Do recycle or clean and re-use empty tubs

4.5. Do use a wet film gauge to measure the thickness of the product

4.6. Do mask any surface areas you do not want to get hit from potential product over install

4.7. Do always follow H&S guidelines

4.8. Do always know where on site accident kit is kept in case of emergency

4.9. Do always read the product sheet for further instructions and guidance before application

4.10. Do seal tub back up after use

DON'T'S

4.11. Do not use under 3 degrees or temperatures expecting to drop below 3 degrees or freezing point within the next 24-48 hours

4.12. Do not use in the rain or when rain is expected within the next 1 hour

4.13. Do not mix/dilute with water or solvents

4.14. Do not consume

4.15. Do not use for anything else other than its intended purpose of a waterproofing. This is a permanent product

4.16. Do not apply LESS than the guided amount of at least 2kg/m2

4.17. Do not keep outside in cold temperatures/always store in a safe place

5.0 The GOAT-Gallery

5.1. The GOAT examples:

5.1.2 Application around a service penetration

5.1.3 Application on a roof top

5.1.4 Application on a flat roof to wall

6.0. DATE OF THIS EDITION: 12/01/2025/26

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