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Authorised and notified
according to Article 29 of the
Regulation (EU)
No 305/2011 of the European
Parliament and of the Council
of 9 March 2011



European Technical Assessment ETA-20/0908 of 2020/12/04

I General Part

Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) No 305/2011: ETA-Danmark A/S

Trade name of the construction product:

Cure It

Product family to which the above construction product belongs:

Liquid applied roof waterproofing

Manufacturer:

G&B (North West) Ltd
Standish Wood Lane South
Off Willow Road
Beech Hill
Wigan WN6 8RY
United Kingdom

Manufacturing plant:

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This European Technical Assessment contains:

6 pages including 1 annex which form an integral part of the document

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of:

European Assessment document (EAD) no. European Assessment Document EAD 030350-00-0402 for Liquid applied roof waterproofing kits

This version replaces:

Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and should be identified as such.

Communication of this European Technical Assessment, including transmission by electronic means, shall be in full [except the confidential Annex(es) referred to above]. However, partial reproduction may be made with the written consent of the issuing Technical Assessment Body. Any partial reproduction has to be identified as such.

1 Technical description of the product

The kit consists of the following components:

- Cure It GRP Roofing Resin — a polyester resin (summer, intermediate or winter grades)
- Cure It GRP Roofing Topcoat — a pigmented polyester resin (summer, intermediate or winter grades)
- Cure It Hardener — a methyl ethyl ketone peroxide catalyst (summer and winter grades)
- Cure It Reinforcement Mat — glassfibre mat for reinforcing the system, available in $450 \text{ g}\cdot\text{m}^{-2}$ and $600 \text{ g}\cdot\text{m}^{-2}$
- Cure It Preformed Edge Trims — factory-manufactured GRP trims
- Cure It Trim Adhesive — for use with the trims
- Cure It Concrete Primer — a sealer used for concrete substrates.

The kit is used to produce a two-coat application with Cure It Reinforcement Mat. The application rates are given in the following table.

Substrate	First layer ($\text{kg}\cdot\text{m}^{-2}$)	Second layer ($\text{kg}\cdot\text{m}^{-2}$)
Concrete	1.5	0.5
OSB 18 mm tongue and groove	1.5	0.5

2 Specification of the intended use in accordance with the applicable European Assessment Document (hereinafter EAD)

For use as a liquid-applied roof waterproofing on flat and pitched roofs on the following substrates:

- concrete
- OSB 18 mm tongue and groove.

The provisions made in this European Technical Assessment are based on an assumed working life for the roof of 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer or the Technical Assessment Body, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

3 Performance of the product and references to the methods used for its assessment**3.1 Mechanical resistance and stability (BWR 1)**

Not relevant.

3.2 Safety in case of fire (BWR 2)

Characteristic	Classification
External fire performance	See Annex A
Resistance to fire	See Annex A

3.3 Health, hygiene and the environment (BWR 3)

Characteristic	Category
Resistance to water vapour	See Annex A
Watertightness	See Annex A
Resistance to wind loads	See Annex A
Resistance to dynamic indentation	See Annex A
Resistance to static indentation	See Annex A
Resistance to fatigue movements	No performance assessed
Effect of low surface temperatures	See Annex A
Extreme low temperatures	See Annex A
Effects of high surface temperature	See Annex A
Resistance to heat ageing	See Annex A
UV radiation in the presence of water	See Annex A
Resistance to water ageing	See Annex A
Resistance to two-hour water boil	See Annex A
Root resistance	No performance assessed
Content and/or release of dangerous substances ⁽¹⁾	No performance assessed

3.4 Safety in use (BWR 4)

Characteristic	Category
Resistance to wind loads	See Annex A
Resistance to water ageing	See Annex A
Slipperiness	No performance assessed

3.5 Protection against noise (BWR 5)

Not relevant.

3.6 Energy economy and heat retention (BWR 6)

Not relevant.

3.7 Related aspects to serviceability

Characteristic	Category
Elongation at break — variation in installation temperature	See Annex A
Effects of day joints	See Annex A

4 Assessment and verification of constancy of performance (SAVCP) system applied, with reference to its legal base

According to the Decision 98/599/EC⁽¹⁾ and amended by Decision 2001/596/EC of the European Commission⁽²⁾, the system of assessment and verification of constancy of performance (see Annex V to Regulation (EU) No 305/2011) given in the following table applies.

(1) Official Journal of the European Communities L287 of 24.10.1998.

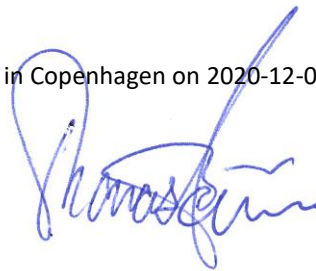
(2) Official Journal of the European Communities L209 of 02.08.2001.

Product	Intended use	Level or class	System
Liquid-applied roof waterproofing kits	For all roof waterproofing uses	—	3

5 Technical details necessary for the implementation of the AVCP system, as outlined in the applicable EAD

Technical details necessary for the implementation of the Assessment and Verification of Consistency of Performance (AVCP) are laid down in the control plan deposited at ETA-Danmark A/S prior to CE marking.

Issued in Copenhagen on 2020-12-04 by



Thomas Bruun

Managing Director, ETA-Danmark A/S

ANNEX A CATEGORISATION OF LEVELS OF PERFORMANCE OF G&B (NORTH WEST) ROOFING SYSTEM

This annex applies to the Cure It roof waterproofing kit described in the main body of the European Technical Assessment.

The substrates applicable to this kit are defined in the main body of the European Technical Assessment.

The kit has the following characteristics:

- water vapour transmission — $0.32 \text{ g}\cdot\text{m}^{-2}\cdot\text{day}^{-1}$
- water vapour diffusion – equivalent air layer thickness (s_d) — 112 m
- resistance to wind loads — >50 kPa.

The categorisation of levels of performance in accordance with EAD 030350-00-0402 are:

- external fire performance — $B_{\text{ROOF}}(t_4)^{(1)}$
- reaction to fire — No performance assessed
- categorisation by working life — W3
- categorisation by climatic zones — S
- categorisation by imposed loads
 - hard substrate — P2
- categorisation by roof slope — S1 to S4
- categorisation by surface temperature
 - lowest — TL4
 - highest — TH3
- statement on dangerous substances — No performance assessed
- root resistance — No performance assessed
- slipperiness — No performance assessed.

(1) The kit achieved a classification under EN 13501-5 : 2005 + A1 : 2009 of $B_{\text{ROOF}}(t_4)$ on a system consisting of 18 mm OSB3 board, one coat of Cure It GRP Roofing Resin at $1.5 \text{ kg}\cdot\text{m}^{-2}$, one layer of $450 \text{ g}\cdot\text{m}^{-2}$ chopped strand mat, and one coat of Cure It GRP Roofing Topcoat at $0.5 \text{ kg}\cdot\text{m}^{-2}$ tested in a flat position.