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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
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MEMBER OF EOTA



European Technical Assessment ETA-08/0244 of 2018-01-23

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:

CC Expanding Sealer

Product family to which the above construction product belongs:

Joint sealing tape on the basis of a pre-compressed flexible impregnated polyurethane foam for sealing around windows and joints in building facades

Manufacturer:

3-C Production AB
Styrvägen 1
SE-31150 Falkenberg
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Manufacturing plant:

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Porsevägen 27-29
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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. EAD 320001-00-0605 for Joint sealing tape based on a pre-compressed flexible polyurethane foam for sealing around windows and joints in building facades

This version replaces:

The ETA with the same number issued on 2013-06-19 and expiry on 2018-06-19

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

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II SPECIFIC PART OF THE EUROPEAN TECHNICAL ASSESSMENT

1 Technical description of product and intended use

Technical description of the product

The pre-compressed joint sealing tape CC Expanding Sealer is a bitumen impregnated tape of polyurethane flexible foam.

The joint sealing tape is supplied in a pre-compressed thickness of 2 mm and different widths depending on the intended dimensions of the joints. For installation purposes they are delivered in various lengths on spools, pre-compressed and with laminated single-sided self-adhesive foil, which serve as installation assistance.

The sealing tape is protected from UV by a cover film mounted on the external side of the sealing.

See annex A for further information.

2 Specification of the intended use in accordance with the applicable EAD

The joint sealing tape is used to seal joints around non-metallic windows and joints in non-metallic building façades to resist penetration of water and air. The contact building materials may be aluminium, concrete, facing brick, calcareous sandstone, pinewood with coating, pinewood without coating and white PVC or comparable building materials.

The function of sealing tapes remains safe up to severe low temperatures of $-30\text{ }^{\circ}\text{C}$.

The provisions made in this European technical assessment are based on an assumed working life of the shuttering kit of at least 10 years.

The indications given on the working life cannot be interpreted as a guarantee given by the producer or 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 Characteristics of product

Safety in case of fire (BWR 2):

The essential characteristics are detailed in Annex A.

Hygiene, health and the environment (BWR3):

The sealing tape does not contain/release dangerous substances specified in TR 034, dated April 2013

Safety in use (BWR4):

The essential characteristics are detailed in the Annex A.

Sustainable use of natural resources (BWR7)

No performance determined

Other Basic Requirements are not relevant.

3.2 Aspects related to the performance of the product

The product shows the characteristic values with respect to the permissible tolerances which are stated in the annex A to this ETA.

According to the European Assessment Document (EAD) no. EAD 320001-00-0605 for Joint sealing tape on the basis of a pre-compressed flexible polyurethane foam for sealing around windows and joints in building facades, the assessed values of the product lead to the result that the product can be used for sealing joints around windows and joints in building façades against penetration of driving rain and air. The function of the product remains watertight between high temperature up to 80 °C and low temperatures up to -30 °C under ambient weather conditions.

The driving rain resistance in both joints and braces of joints is classified according to EN 12208 in class 9a (≥ 600 Pa).

The joint sealing tape has a joint permeability coefficient at 10 Pa of $\leq 1,4 \text{ m}^3/\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}$

The water vapour diffusion factor μ is lower than 100.

4 Attestation and verification of constancy of performance (AVCP)

4.1 AVCP system

According to the decision 2003/656/EC of the European Commission, the system(s) of assessment and verification of constancy of performance (see Annex V to Regulation (EU) No 305/2011) is 4.

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

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited at ETA-Danmark prior to CE marking

Issued in Copenhagen on 2018-01-23 by



Thomas Bruun
Managing Director, ETA-Danmark

Annex A CC Expansion Sealer



Technical data

	Standard	Classification
Driving rain resistance	EN 1027	Tight up to 600 Pa; class 9A according to EN 12208
Air permeability of joints	EN 1026	joint permeability coefficient at 10 Pa of $\leq 1,4 \text{ m}^3/\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}$ according to EN 12207
Resistance to water vapour diffusion	EN ISO 12572	$\mu \leq 100$

Dimensions

Depth: 0 mm to 270 mm depending on joint depth
 Expanded height: 30 mm
 Precompressed height: 2 mm
 Lengths: 5 m, 10 m or 15 m rolls

Operating joint width: 5 – 15 mm.

Applicable for CC Expansion Sealer:

Assumed intended working life: 10 years
 Reaction to fire (EN 13501-1): Class F (No performance assessed)
 Statement on dangerous substances: The product does not contain/release dangerous substances specified in TR 034

Information for users:

The reaction to fire was tested in accordance with DIN 4102-1. Classification is done in class B1.