

EFS

SILICONE

1 UNIQUE IDENTIFICATION CODE	Eco Fusion Silicone
2 TYPE BATCH OR SERIAL NUMBER OR ANY OTHER ELEMENT ALLOWING IDENTIFICATION OF THE CONSTRUCTION PRODUCT AS REQUIRED BY ARTICLE 11(4)	See Product Packaging for batch number and production date.
3 INTENDED USES OF CONSTRUCTION PRODUCT, IN ACCORDANCE WITH APPLICABLE HARMONISED TECHNICAL SPECIFICATION AS FORESEEN BY THE MANUFACTURER	One component silicone sealant, neutral curing: Sealant for external and internal non-structural use; Façade joints, type F ext-int CC; glazing applications, type G ext-int CC; sanitary joints, type S joints in pedestrian walkways, type PW ext-int CC.
4 NAME, REGISTERED NAME OR REGISTERED TRADE MARK AND CONTACT ADDRESS OF THE MANUFACTURER AS REQUIRED BY ARTICLE 11 (5)	FS-BF GmbH & Co KG Hahnenseifener Strasse 15 DE-51580 Reichshof-Hahn, Germany. Eco Fusion Limited, Coes Road, Dundalk Co Louth, Ireland.
5 NAME AND CONTACT ADDRESS OF THE AUTHORIZED REPRESENTATIVE WHOSE MANDATE COVERS THE TASK SPECIFIED IN ARTICLE 12 (2)	Not Applicable
6 ASSESSMENT AND VERIFICATION OF CONSTANCY OR PERFORMANCE	System 3 Plus 3
7 NOTIFIED BODY	NMPA Dortmund NB-No 0432 performed initial type testing under system 3 and issued the test report.
8 EUROPEAN TECHNICAL ASSESSMENT	Not Applicable

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DECLARED PERFORMANCE

EN15651-1: 2012-12

EN15651-2: 2012-12

EN15651-3: 2012-12

EN15651-4: 2012-12

CLASSIFICATION

EN15651

REACTION TO FIRE

Class E

DANGEROUS SUBSTANCES

See SDS - Assessed.

RESISTANCE TO FLOW (EN ISO 7390)

≤3 mm

LOSS OF VOLUME (EN ISO 10563)

≤10%

ADHESION/COHESION AT 100% EXTENSION (EN ISO 8340)

No Failure

ADHESION/COHESION AT 100% EXTENSION AFTER IMMERSION IN WATER (EN ISO 10590)

No Failure

ADHESION/COHESION AFTER EXPOSURE TO ARTIFICIAL LIGHT (EN ISO 11431)

No Failure

ELASTIC RECOVERY (EN ISO 7389)

≥ 70%

TENSILE AT -30°C (EN ISO 8339)

≤0.9 MPa

ADHESION/COHESION AT 100 % EXTENSION AT -30°C (EN ISO 8340)

No Failure

RESISTANCE TO MICROORGANISM (ISO 846)

0 or 1

TEAR RESISTANCE (EN ISO 8340)

No Failure

ADHESION/COHESION AT 100% EXTENSION AFTER IMMERSION INTO NACL- SOLUTION (EN ISO 10590)

No Failure

DURABILITY

No Failure

The Performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.



0432

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Eco Fusion Ltd, Coes Road Dundalk Co Louth

EN15651-1; EN15651-2; EN15651-3; EN15651-4.

One component silicone sealant, neutral curing: Sealant for external and internal non-structural use.

Façade joints, type F ext-int CC; glazing applications, type G ext-int CC; sanitary joints, type S joints in pedestrian walkways, type PW ext-int CC.

Pretreatment: Procedure A; substrate; aluminium, Glass; without primer.

ESSENTIAL CHARACTERISTICS

Fire Behaviour
Dangerous Substances
Resistance to Flow
Loss of Volume
Adhesion/Cohesion at 100% Extension
Adhesion/Cohesion at 100% Extension after Immersion in Water
Adhesion/Cohesion after Exposure to Artificial Light
Elastic Recovery
Tensile at -30°C
Adhesion/Cohesion at 100 % Extension at -30°C
Resistance to Microorganism
Tear Resistance
Adhesion/Cohesion at 100% Extension after Immersion into NaCl- Solution
Durability

PERFORMANCE

Class E
Assessed
≤3 mm
≤10%
No Failure
No Failure
No Failure
≥ 70%
≤0.9 MPa
No Failure
0 or 1
No Failure
No Failure
No Failure

Signed for and on behalf of Eco Fusion

Chris Vickers

CHRIS VICKERS
Technical Director

Dundalk

PLACE

23/1/23

DATE