

**TECHNICAL DATA SHEET** 

## EFFISUS BREATHER FR SYSTEM

#### A1CLASS FIRE RATED WEATHERPROOFING BREATHABLE MEMBRANE

View on the website

#### **EFFISUS BREATHER FR MEMBRANE**

Effisus Breather FR membrane was designed for protection of facades against moisture, driving rain and wind avoiding corrosion, insulation deterioration and mould growth on the facade elements.

It has an exceptional UV resistance and the existence of a large range of accessories allows its installation on the most demanding project requirements.

#### EFFISUS ACCESSORIES SYSTEM

### X2 SYSTEM POSSIBILITIES Effisus 2Bond DS Tape

#### Function

Perimeter sealing; sealing nail/screw perforations

#### Substrates compatibility

Concrete or similar porous surfaces; Aluminum; Gypsum Sheathing Board, Calcium Silicate Boards, Cement Basis or similar; EPDM; Roofing membrane; Gas membrane

#### Special notes

Accessory with elongation and with 1.54mm thickness to allow movements

#### **CERTIFICATIONS ON GOING**





#### Effisus 2Adjoin DF Tape

#### **Function**

Fixing and membrane overlaps

#### Substrates compatibility

Galvanized Studs or similar metallic smooth surface and Gypsum Sheathing Board, Calcium Silicate Boards, Cement Basis or similar





#### **TECHNICAL DATA**

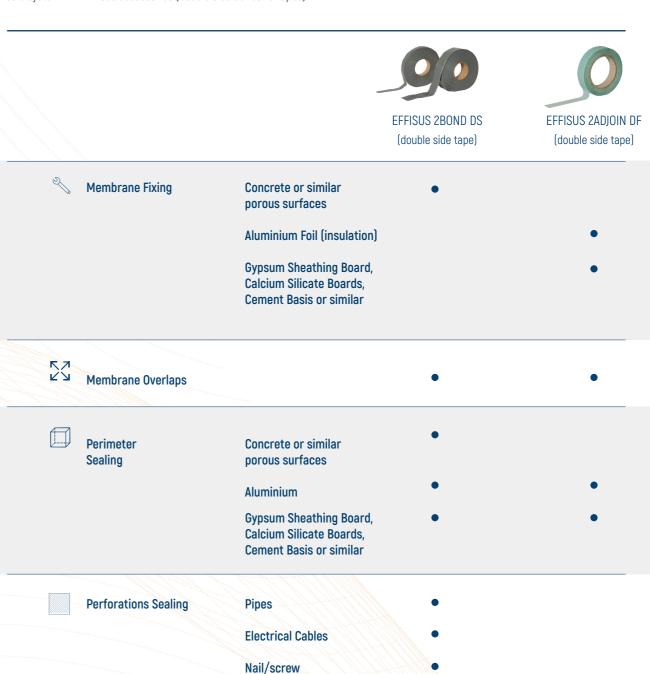


<sup>&</sup>lt;sup>a)</sup> The fire classification was obtained with Effisus accessories (double side adhesive tapes) tested as a system.



#### **ACCESSORIES SELECTOR**

Effisus Breather FR System achieved a fire reaction Class A2-s1,d0 as a system with Effisus accessories (double side adhesive tapes).



b) In accordance with Annex C of EN 13859-2 (EN 12311-1)

c) In accordance with Annex C of EN 13859-2 (EN 1928/EN 13111)

# CLASS A2-s1, d0 ✓ Membrane ✓ Fastening Accessories ✓ Overlaps Accessories

✓ Penetrations Sealing

#### **EFFISUS 2BOND DS TAPE**

Double-sided self-sealing adhesive tape creating a permanent weatherproofing seal on concrete, aluminium, sheathing boards and many other substrates. Specially designed to perimeter seal the membrane edges ensuring an effective sealant on membranes nail/screw perforations.



TECHNICAL DATA EFFISUS 2BOND DS



a) Results obtained based on shear resistance test standard EN 12317-2 between the Effisus 2Bond DS tape and the Effisus Breather FR membrane;



#### **EFFISUS 2ADJOIN DF TAPE**

Double-sided airtight and moisture resistant sealing tape suitable to fix the Effisus Breather FR membrane to aluminium, SFS metal studs and Effisus Breather FR membrane overlaps.



	TECHNICAL DATA	EFFISUS 2ADJOIN DF
	Temperature resistance	-40°C to 90°C
0	Standard roll size	2.5cm x 20.0 lm
$\uparrow_{\color{red}{ }}$	Shear resistance EN 12317-2 <sup>a)</sup>	327 (N/50 mm)
1	T-Peel EN 12316-2 <sup>a</sup>	47 (N/50 mm)
7		

a) Results obtained based on shear resistance test standard EN 12317-2 and T-peel test standard EN12316-2 of Effisus Breather FR membrane joint and Effisus 2Adjoin DF tape.