



AF SEAL W

Fire rated acrylic sealant

Technical Data Sheet

COD.: F02A F02B F02C F02D F02G

FEATURES

AF SEAL W is a flexible water based acrylic sealant that forms a rubber-like seal impervious penetrations and can be used to seal joints. Once extruded it cures to form a high movement joint. Especially useful for sealing expansion joints and where metal pipes and ducts penetrate fire rated structures. It is appropriate to be used between products of dissimilar expansion.

AF SEAL W is particularly suitable for small openings in all constructions.

AF SEAL W can be overpainted.

AF SEAL W is used to fix **AF Panels**

TECHNICAL SPECIFICATIONS

FRESH

Specific Gravity (P.S.)	1,35 Kg/litre
Consistency	Tixotropic-pasty
Hardening speed	3 mm./24 h.
Tool's cleaning	Water
Skin over time	10 minutes
Tack free time	20 minutes

HARDENED

Hardness Shore A	28 minimum
Operative temperature	0 °C / + 45°C
Joint movement	+ 20% of original joint size

FIRE RESISTANCE

At the recommended thickness (1,5 cm) **AF SEAL W** is rated accordingly to n° 91 Circular of Italian Department of the Interior as REI 180 min.(3 hours).

AF SEAL W is also rated 120 min (2 hours) on plasterboard walls.

AF SEAL W is tested under Standard UNI EN 1366-3 to fix together and in the opening AF Panel slabs.





INSTALLATION

Ensure that all surfaces are thoroughly clean and dry.
Extrude **AF SEAL W** from a cartridge loaded on a simple cartridge gun.
Use stone wool as caisson.

STORAGE

Store the product indoors
Preserved in the original sealed cartridges or buckets at a temperature between + 3°C/+40°C the product remains unaltered for at least one year.

STANDARDS

All tests to obtain grade REI 120/180 have been performed by the Istituto Giordano di Bellaria officially recognized by the Italian Ministry of Interior (circular n° 91)

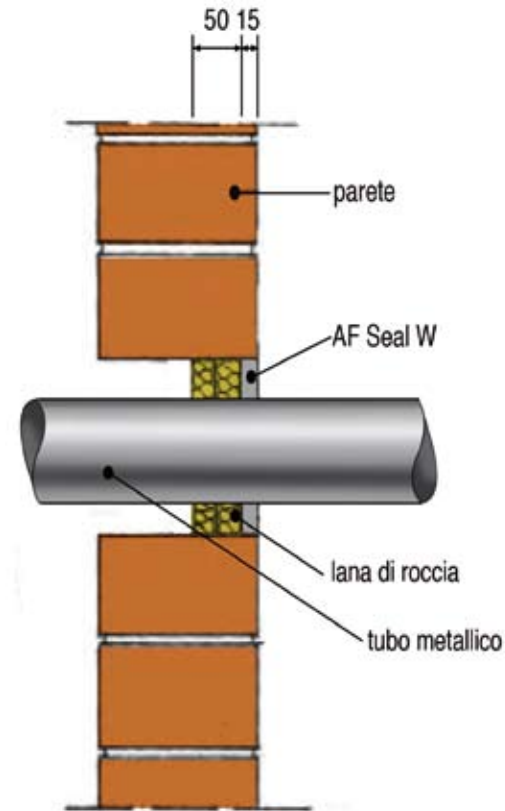
Test n° 72592/1158RF
Test n° 143143/2116RF – REI 180 -
Test n° 154829/2309RF REI 120 (floor)
Test n° 184044/2633RF
Test n° 250412/3095FR (UNI – EN 1366 –3)

PACKAGING

300 ml cartridges (20 - cartridges per box).
6-12,5-20 kg. PE buckets

WARNINGS AND LIMITATIONS

AF SEAL W does not contain asbestos or formaldehyde.
AF SEAL W does not contain solvents or halogens.
AF SEAL W does not emit ISO-Cyanates or other toxic gases.
Avoid product contact with eyes/skin in case of contact wash with water, in case of strong irritation get a medical advice.
Not to be used at temperatures lower than + 5°C.
Do not use the product in external sites or on wet premises.
Protect from Ultraviolet rays.



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