



**PRODUCTS TECHNICAL PROPERTIES**

**AQUAFIRE®**

 **GENERAL DESCRIPTION**

**AQUAFIRE®** Fibre-reinforced lightweight cement boards.  
**AQUAFIRE®** is extremely lightweight, highly insulating, this is the easiest board to cut on the market, water resistant for use in high humidity ambient, it can be used for indoor or outdoor applications. It does not decay, deform, flake or crumble.  
**AQUAFIRE®** is provided with rough side for plastering and cement coat applications.

 **APPLICATION**

The **AQUAFIRE®** board is ideal for dividing walls, linings walls, dry blocks, soffits and false ceilings in humid or dry ambient and for retrofit upgrades.  
It does not deteriorate in the presence of water and this makes it long lasting in high humidity ambient such as bathrooms, showers, kitchens, laundry rooms as well as in outdoor ambient.  
**AQUAFIRE®** boards provide exceptional and resistant support for the application of ceramic tiles, glass mosaics brick coverings or any other type of covering.  
They can be skim plastered to obtain a smooth surface ready for painting.

 **DATASHEET**

WEIGHT ON SM :	12 Kg +/- 15%
THICKNESS :	12,5 mm +/- 1,2mm
DIMENSION :	2.000 x 1200 x 12,5mm
REACTION TO FIRE:	A1
RESISTANCE TO FIRE:	up to 240 minutes
THERMAL CONDUCTIVITY:	0,20 W/m K at 10°C 0,20 W/m K at 20°C
BENDING MODULUS:	5,8 MPa

**VITE AQUAFIRE® STAR**

 **GENERAL DESCRIPTION**

**VITI AQUAFIRE® STAR** are ideal for securing **AQUAFIRE®** boards onto 0.6 mm up to 1 mm thick steel structures. They are resistant to salt spray for 100 hours in order to guarantee long life even in aggressive ambient or when exposed directly to atmospheric agents. They are self-drilling and self-countersinking in order to facilitate both perforation of the metallic profile and the adherence to the surface of the **AQUAFIRE®** board.

L.= 40mm  
φ = 4.4mm