

## SEALING & PRIMING & PAINTING, RENDERING Manual FireCrunch MgSO4, Fireproof Cladding Products

NATA Labs Australia Fire Tested Systems **AS1530.4** and more



T: 1300 933 102

Please email orders to [sales@firecrunch.com.au](mailto:sales@firecrunch.com.au)

 FIRE TESTED BY NATA / CSIRO & OTHERS



[firecrunch.com.au](http://firecrunch.com.au)

NATA  
CERTIFIED  
NO METAL  
CORROSIVE  
CHLORIDE  
MgSO4  
Sulphate Board



## PRIMING , SEALING, PAINTING AND RENDERING

**(Klaas) - AquaCrunch S1 VP Sealer**  
FireCrunch MgSO<sub>4</sub>, Fireproof Cladding Products

### **IMPORTANT:**

PLEASE READ CAREFULLY AS THE WARRANTY WE PROVIDE REQUIRES THIS PROCEDURE TO BE FOLLOWED.

FireCrunch is a magnesium based fire board with amazing resistance to fire attack resisting over 1000 deg c for 1.5 hours with single 10mm sheet facing the fire attack side. It has been extensively tested by NATA labs CSIRO to the required levels of the BCA/ ABCB and NCC meeting the required very high Australian standards in the areas tested 90% of fire protection use.

The make up of the unique material fire composites however result in a material that actually has a draw and release capability of moisture.

So it will absorb moisture in internal side for any damp conditions also preventing mould and mildew growth which cannot grow or survive on MgO, then rapidly release it in dry warm conditions. It is therefore ideal for homes in high areas of humidity as well. However, whilst we need the material to act in this way we don't want water penetrating from the exterior sides exposed to weather.

The special Vapour permeable sealer known as **Klaas- AquaCrunch Si is highly water repellent** and seals the boards exterior side from rain, but importantly allows free transmission of water vapour out of the board.

This helps to prevent excess internal moisture build up and unwanted surface chemical interactions that could otherwise affect the final painted or rendered finish and which may cause de lamination.

**SEALER 1ST COAT WITH (KLAAS SI)- AQUACRUNCH PRIMER SEALER** requires a single roll on coat to the outer facing and sheets and any exposed edges, this provides water ingress protection. The edges and perimeters are fire /weather sealed with recommended fire /weather sealants also on the web site under recommended products AS1530.4 standard shown on pack. <https://firecrunch.com.au/recommended-products>

### **SEALER + UNDERCOAT + PAINTING OR RENDERING :**

FireCrunch is a fire and finish board which delivers a minimum class 4 finish. For paint application, ( INTERNAL / EXTERNAL ) ( WARRANTY) first ensure surface is dust free and clean, seal with :

- 1st step :** **AquaCrunch / KLAAS Si VAPOUR PERMEABLE sealer ( interior and exteriors )**,
- 2nd step :** you must then apply **Dulux Precision MAX ADHESION undercoat**, then apply
- 3rd step :** **Dulux** paints or texture top coats.

**AquaCrunch / KLAAS Si VP sealer primer** is obtainable on order from FireCrunch Australia. A Top Class 4 /5 commercial finish is then obtained. <https://www.firecrunch.com.au/recommended-products/>

**DO NOT ALLOW FIRECRUNCH Boards to get WET or Hydrate over 10% BEFORE Sealing with AquaCrunch Sealant.**

The Klass AquaCrunch product is purchased from and supplied by FireCrunch Australasia PL ( Warranty)

### **Plaster set internal walls jointing priming**

Where internal plaster set joints are to be set, seal /prime the boards over the final topping of the plaster set joint, do not use before plaster setting joints.

**Apply to face of board and any exposed edges NOT the back of board.**

Allow 6 hours to cure and next day **Undercoat with above recommended DULUX primer then paint or texture paint with Dulux water based finish coats .**

RENDERS: Check manufacturers instructions but the Klaas Si sealer will still be required as first layer.

FireCrunch supplies the AquaCrunch S1 sealer. In 4L 10L and 15L pails

**AquaCrunch / KLAAS Si VAPOUR PERMEABLE sealer for Interior and Exteriors**

Coverage 7 m<sup>2</sup> / per litre/ see recommended products <https://firecrunch.com.au/recommended-products/>

TEL CALL CENTRE 1300 933 102 OR [technical@firecrunchaustralasia .com.au](mailto:technical@firecrunchaustralasia.com.au)