



Specs: 26.31 D Specs 23

Waterproofing afs logicwall - Permanent Formwork Construction System

Products Required:

MAXSEAL FLEX or MAXSEAL FLEX M
MAXMESH
MAXGROUT
MAXJOINT ELASTIC
EASYBOND

afs logicwall panels & joints:-

1. Thoroughly wet floor slab and brush apply MAXSEAL FLEX or MAXSEAL FLEX M at the rate of 1mm thick around starter-bars onto the area where the afs logicwall is to be placed, extending by 50mm past the area to be covered.
2. Once concrete has been poured into afs logicwall and has set:-
 - a. Joints between afs logicwall panels must be filled with MAXJOINT ELASTIC as per technical bulletin.
 - b. Thoroughly wet the afs logicwall surface, brush apply MAXSEAL FLEX or MAXSEAL FLEX M at the rate of 1kg per m² and 1mm thick as per technical bulletin.
 - c. while the 1st coat of MAXSEAL FLEX or MAXSEAL FLEX M is wet, embed Maxmesh across all joints including those filled with MAXJOINT ELASTIC, plus the wall/floor (cold joint) at the base of afs logicwall, to an area 100mm above wall/floor (cold joint), extending 100 mm on the floor, embedding Maxmesh (200mm x 50m roll) into the total 200mm wide coating.
3. Allow MAXSEAL FLEX to cure for 14 hours (min), MAXSEAL FLEX M to cure for 6 hours (min), thoroughly wet the 1st coat, brush apply a 2nd coat at the rate of 1kg per m², and 1mm thick.

Penetrations through panels:-

4. Windows
 - a. Thoroughly wet the surface and brush apply MAXSEAL FLEX or MAXSEAL FLEX M over and around all of the opening at the rate of 1kg per m² and 1mm thickness, ensuring the coating is extended a minimum of 50mm around vertical edge of opening, both on the external and internal wall area.
 - b. While the 1st coat of MAXSEAL FLEX or MAXSEAL FLEX M is wet, embed Maxmesh across all joints
 - c. Allow MAXSEAL FLEX to cure for 14 hours (min), MAXSEAL FLEX M to cure for 6 hours (min), thoroughly wet the 1st coat, brush apply a 2nd coat at the rate of 1kg per m², and 1mm thick.

5. Pipes

Cast In

- a. Thoroughly wet all surfaces of the puddle flange and brush apply MAXSEAL FLEX or MAXSEAL FLEX M, including any pipe sections attached ready to be cast into the wall, at the rate of 1mm thickness, extending a minimum of 50mm past wall pipe interface.
- b. If additional wall flanges are used, brush apply MAXSEAL FLEX or MAXSEAL FLEX M, at the rate of 1mm thickness and push flange firmly to wall.

Cored:

- a. Centre pipe using spacers, drilled core should not be less than 5mm or more than 20mm larger than pipe.
- b. Thoroughly wet the surface, brush apply MAXSEAL FLEX OR MAXSEAL FLEX M to the internal surface of the cored hole, to a minimum of 50mm from edge and minimum 50mm around core.
- c. Create a rebate (foam backing rod) of not less than 10mm deep, or a minimum of half the width for spaces greater than 10mm wide.
- d. Thoroughly wet the rebate, and fill using MAXJOINT ELASTIC, allow to cure (min. 4 days) overcoat using Maxseal flex OR MAXSEAL FLEX M.
- e. Voids around pipes can be filled using MAXGROUT prior to installing MAXJOINTELASTIC.

External fixings:

- a. Thoroughly wet all surfaces, brush apply MAXSEAL FLEX or MAXSEAL FLEX M at the rate of 1kg per m² and 1mm thickness to underside of windowsill as well as afs logicwall surface.

- b. Screw fix windowsill to afs logicwall while MAXSEAL FLEX or MAXSEAL FLEX M is wet.
- c. Prior to placing upper panel, brush apply MAXSEAL FLEX or MAXSEAL FLEX M at the rate of 1kg per m² and 1mm thickness to fixing side of upper panel
- d. Install upper panel, seal top side of panel/wall junction, as set out in points 2a,b,c and 3 above.

Finishing:

If finishing is required a single coat of EASY BOND at the rate of 1 kg/m² will provide a bonding bridge. Anything that can be applied to a mortar surface can be applied to EASY BOND, Tiles, Stones, any render, Paint.

General

As each application has different requirements, we offer an inspection service.

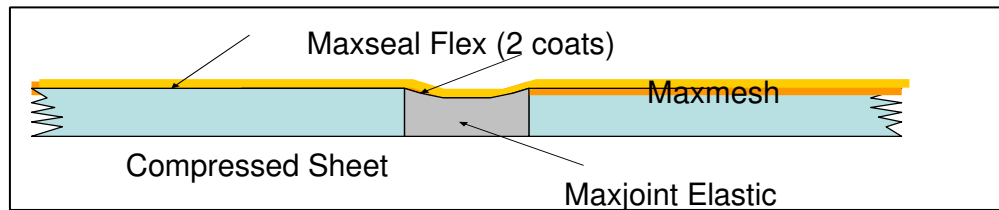


Figure: Shows Maxjoint Elastic filling void between sheets and Maxmesh incorporated between 1st and 2nd coats Maxseal Flex or Maxseal Flex M.



© Scientific Waterproofing Products Pty Ltd. ABN: 155 659 948 All rights reserved.

Address: Unit 4/92 Bryant Street Padstow, NSW 2211, AUSTRALIA Tel:

+61 2 9771 0011 National Hotline: 1300 303 301

Email: info@swppl.com.au

<http://swppl.com.au/>