

FC11929-001 Issue 2

Technical Opinion Summary



This is to certify that the specimen described below has been examined by BRANZ on behalf of the sponsor.

Sponsor

Allco Waterproofing Solutions Limited
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Rosedale,
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Reference BRANZ Reports FC11929-001 Issue 2

Referenced Standard AS1530.4:2014

Specimen Name: FireShield FSH and FSV control joints in concrete floors and concrete walls

Specimen Description: FireShield FSH and FSV control joints installed with approved epoxy adhesive as per the manufacturers technical data in fire rated concrete floor slabs and concrete walls with an FRR of at least 120/120/120.

Orientation: Exposure from the underside

The assessed results were as follows:

| System Number | Width | Depth | Movement (+/-%) | Coating | Minimum Gap | Maximum Gap | Element Depth (minimum) |
|---------------|--------|--------|-----------------|---------|-------------|-------------|-------------------------|
| FSH 60387 | 50 mm | 102 mm | 50 % | Double | 25 mm | 76 mm | 114 mm |
| FSH 60389 | 65 mm | 102 mm | 50 % | Double | 32 mm | 95 mm | 114 mm |
| FSH 60391 | 76 mm | 102 mm | 50 % | Double | 38 mm | 114 mm | 114 mm |
| FSH 60589 | 102 mm | 102 mm | 50 % | Double | 51 mm | 152 mm | 127 mm |
| FSH 60591 | 114 mm | 102 mm | 50 % | Double | 57 mm | 171 mm | 127 mm |
| FSH 60593 | 127 mm | 102 mm | 50 % | Double | 64 mm | 191 mm | 127 mm |
| FSH 60407 | 25 mm | 102 mm | 25 % | Single | 19 mm | 32 mm | 114 mm |
| FSH 60411 | 50 mm | 102 mm | 25 % | Single | 38 mm | 64 mm | 114 mm |
| FSH 60415 | 76 mm | 102 mm | 25 % | Single | 57 mm | 95 mm | 114 mm |
| FSH 60419 | 102 mm | 102 mm | 25 % | Single | 76 mm | 127 mm | 127 mm |
| FSV 60155 | 65 mm | 102 mm | 25 % | Double | 48 mm | 80 mm | 114 mm |
| FSV 60441 | 13 mm | 102 mm | 25 % | Single | 10 mm | 16 mm | 114 mm |
| FSV 60373 | 40 mm | 102 mm | 50 % | Single | 19 mm | 57 mm | 114 mm |
| FSV 60465 | 50 mm | 102 mm | 25 % | Single | 38 mm | 64 mm | 114 mm |
| FSV 60379 | 76 mm | 102 mm | 50 % | Single | 38 mm | 114 mm | 114 mm |
| FSV 60489 | 76 mm | 102 mm | 25 % | Single | 57 mm | 95 mm | 114 mm |
| FSV 60513 | 102 mm | 102 mm | 25 % | Single | 76 mm | 127 mm | 127 mm |

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Regulatory authorities are advised to examine the Technical Opinion report FC11929-001 Issue 2 before confirming any product.

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