



## *Megasealed Product*

This to certify that the Megasealed product 237 (parts A & B) used by Megasealed Bathrooms Aust. Pty Ltd provides a most reliable, resistant & high performance system to stop and prevent the leaking of showers, baths, laundries & balconies without the need to remove tiles.

The Megasealed product 237 is an in-house developed product which has been successfully used for the past 15 years and is only available from Megasealed Bathrooms and for application only by trained Megasealed service technicians.

This Megasealed product has been comprehensively laboratory tested to the designated Standards shown and the following results were recorded:

### **Chemical resistance**

This test examines the bond durability of the Megasealed in the presence of other products. There was no effect on the Megasealed product from tests with all petroleum based products, all acidic solutions to 5%v/v, all salt solutions at any concentration to 15%v/v, all liquid detergents, sodium carbonate & bisulphate to 10%v/v and methylated spirits.

### **Adhesion test – ASTM D4541**

This test measures the adhesion or pull-off strength of the Megasealed product to a concrete surface. Results showed that the concrete would fail at 2.5 to 3 MPa.

### **Tensile bond strength – ASTM 1002**

This modified test measures the bonding strength of a material when tested between 2 sub-strips under the application of tensile forces. The Tensile Bond Strength of the Megasealed product was determined at 12MPa.

### **Tensile shear strength – ASTM D695-96**

This test measures the bonding strength of a material when tested between 2 sub-strips under the application of shearing forces. The Tensile Shear strength of the Megasealed product was found to be in the range of 11 – 13 MPa.

### **Compressive strength – ASTM D695-96**

This test measures the bonding strength of a material when tested between 2 sub-strips under the application of compressive forces. The Compressive Strength of Megasealed was found to be 65 MPa at 7 days.

### **Flexural strength – ASTM D695- 96**

This test measures the flexing strength of a material when tested between 2 sub-strips under the application of tensile forces, keeping one of the strips in a static position. The Flexural Strength of Megasealed was determined to be 30 MPa.

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