

22/10/2010



Re: RLA / Atlas Tile adhesive over Vibramat

Vibramat underlay samples were provided by Acoustic Supplies. These were glued to standard cement blocks using Vibramat adhesive and allowed to cure for 24 hours. Porcelain tiles were then glued to the underlay surface using standard tiling techniques. The tiles were then tested for adhesion after 7 days and 28 days.

Atlas One 1 Flex and RLA Flex 1 part gave excellent adhesion after 7 days. However, while the 1 part tile adhesive system exhibited maximum strength at 7 days, overnight curing at 25 degrees seemed adequate.

Having established good adhesion results with the above two tile adhesives instron testing was conducted in accordance with AS 4992.

After 28 days had lapsed, the test panels were placed on the instron machine and examined for tensile strength. Both Atlas One 1 Flex and RLA Flex 1 part performed satisfactorily. All test specimens failed at the Substrate/underlay interface. The rubber modified adhesives RLA Flex 1 and Atlas One 1 Flex bonded exceptionally well to the Vibramat Rubber composite acoustic underlay, the Adhesive pulled the Acoustic underlay completely off the concrete substrate

CONCLUSION

Vibramat Adhesive is the recommended adhesive for adhering the Underlay to a substrate. RLA application instructions should be followed and the glue allowed to cure for 24 hours in normal ambient conditions.

Ceramic tiles (including porcelain) should be glued using Atlas One 1 Flex or RLA Flex 1 Part. Tiles should be fixed in accordance with AS3958.1-2007 and the manufacturer's instructions. Large format tiles require the use of a 12mm notched trowel and should be "back buttered" during installation.

For more detailed Specification or for application instructions please contact our Technical Service Centre on 1800 752 679

GUARANTEE

All RLA Products are guaranteed for a period of 10 years as long as RLA specifications / instructions are adhered to.

Regards,

A handwritten signature in black ink, appearing to read 'A. Abdulwahab', with a long horizontal stroke extending to the right.

Ahmed Abdulwahab
RLA Polymers P/L
Development Manger
CTA/ Levelling compounds