

TECHNICAL OPINION

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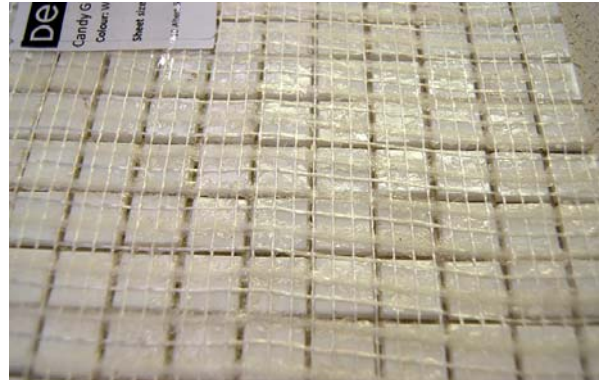
EXAMINATION OF DÉCOR 8 MOSAIC TILES

A sheet of mosaic tiles was received from Décor 8 for assessment of suitable adhesives when the tiles are to be used on interior bathroom walls.

Sample description

The tiles were described as 'Candy Glass' and were 15x15x4mm on 295x295mm mesh sheets. The tiles themselves were pieces of cut opaque white glass.

The tiles were bonded with a translucent adhesive onto a fabric mesh with 5mm apertures. The estimated mesh coverage was 30-40% and adhesive around 80% with a thickness of ~1mm.



Basis of opinion

The tiles were visually examined, and a section of three tiles was placed into water to determine properties of the mesh adhesive. The mesh adhesive did not dissolve or fail. It is not known whether the glass is an alkali resistant type.

Recommendation

Ardex declines to make an adhesive recommendation for these tiles due to the unacceptably high thickness and amount of mesh adhesive on the tile rear face. Any tile adhesive would be almost entirely bonded to the mesh adhesive rather than the tile, meaning that tile sheet dead load and any applied stress would be borne by the relatively weak mesh adhesive.

Certificate Conditions

This certificate and recommendations apply only to the tiles described herein

This certificate has a period of validity of 24 months from date of issue

Where a specific site or installation is nominated, this recommendation only applies for that particular site

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