

Lifetime Promotions Ltd

Trading as Lifetime Building Consultants

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John Oliver
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Dear David,

DESIGNA SCHIST CONCRETE MASONRY VENEER – NZS4455.1:2008 E2/AS1 MASONRY – ALTERNATIVE SOLUTION

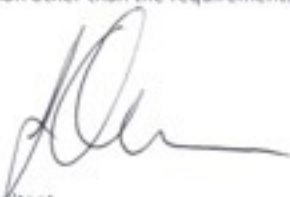
This letter is to advise that the 'Designa schist' concrete masonry product, sold and marketed in New Zealand by Quadrock Ltd, is compliant with the New Zealand Building Code, and Standards.

Under E2/AS1 Masonry, Cl. 9.2.2 General, there is a requirement for bricks to be a minimum of 70mm in width (based on a defined formula for rumbled bricks), and be of such a weight that the installed weight of the veneer does not exceed 220kgs/m². The 'Designa schist' concrete masonry units in question, are approx. 90mm in width, and weight approximately 80kgs/m² installed, well within the maximum limit for a heavy-weight cladding, and compliant with the width requirement. The size of the individual units, being approximately 500mm x 200mm x 80mm, are such, that the veneer can be attached to the supporting structure within the normal parameters of E2/AS1 Masonry, and as per 'Designa schist's' installation requirements.

AS/NZS4455:1997, although not a 'sighted' standard, is given a mention in E2/AS1 Masonry. This manufacturing standard for masonry veneer products, did not differentiate between masonry units to be used structurally, as in common use in Australia, to bricks or masonry units used only in a veneer situation, common to New Zealand.

This joint Standard has now been superseded by AS/NZS4455:1:2008, which now clearly states in the SCOPE that the manufacturing Standard only applies to bricks/masonry units to be used in conjunction with NZS4230, which is reinforced masonry. There are no requirements for masonry units used in a veneer situation other than the requirements mentioned above.

Regards


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Specialist in Veneer Construction
Author of John Oliver's BRICK BOOK

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