EGR DECOR

Zenolite®

Environmental Statement

Decorative Acrylic Panels For Interior Spaces

November 2020

Zenolite® - Environmentally Responsible

Zenolite is a coextruded, high gloss, rigid thermoplastic polymer sheet consisting of a thick water clear layer which is permanently fused to a high solids colour layer.
Zenolite is PMMA (polymethylmethacrylate) polymer which is completely inert and does not release any emissions to the environment. Zenolite is ultra hygienic and does not promote bacterial growth or transmission.
The unique properties of Zenolite make it ideally suited to new or refurbishment for interior vertical surfaces around the home, office or commercial environments. Zenolite can be applied with a minimum of preparation over previously finished walls, reducing demolition waste and energy consumption. Zenolite is durable and refinishable in situ and will remain functional for many years.
Zenolite consists of Carbon, Hydrogen and Oxygen and is recyclable either by mechanical, chemical or thermal means. Zenolite can be ground and pelletized for reuse in sheet extrusion or injection moulding. If correctly incinerated Zenolite produces only water and carbon dioxide. Zenolite can also be chemically reduced to its original monomer for use in other acrylic based products.

Zenolite's manufacturing process does not release any harmful emissions to air, land or water and the unique colour layer is achieved without the use of secondary processes The colour and clear layers will not separate under any conditions and are not affected by moisture in any way.

Zenolite is half the weight of an equivalent glass panel and therefore uses less energy.during transportation and installation.

Zenolite will only consume approximately 10% of the original energy consumption during recycling. In contrast to glass which consumes more than 60% of its original energy consumption during recycling.

Zenolite can be cleaned and maintained using warm soapy water, and does not require the use of harsh or volatile chemicals.

Zenolite is wholly manufactured under the EGR Environmental Management System which has been independently accredited to ISO 14001.

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Made in Australia

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