LYSAGHT

Roofing Product Performance using Foam Packers

Roofing Product Performance when used with Foam Packers

BlueScope Lysaght have evaluated the range of foam packers used to provide increased Energy Efficiency "R" ratings to buildings. The foam packers are available in a range of dimensions, material compositions and densities. Typically the material used is expanded or extruded polystyrene, closed cell foam with a density of 30kg/m^3 and compressive strength of 300kPa.

With regard to uplift wind loading perpendicular to the roofing, the performance of the LYSAGHT® roofing profiles will not be adversely affected provided the fastener recommendations, other than the length, are maintained. The fastener length must be increased appropriately to suit the packer dimensions and reference should be made to the LYSAGHT literature in respect to the fastener specifications, features, quantity, position and thread penetration through the steel support below. This is applicable to both cyclonic and non cyclonic installations.

With regard to other roof system matters, the performance of the LYSAGHT roofing profiles will not be adversely affected, provided:

- The packer material is compatible with the roofing material.
- The long term durability of the packer product is maintained, i.e. no loss of rigidity, no deterioration of the material, no permanent deformation (and the like) for the expected roof loads and temperature ranges during the service life of the roof.
- The packer product does not adversely affect the in-plane lateral rigidity of the roof.
- The fastener recommendations, as stated above, are adhered to.

The technical literature for LYSAGHT products should be referenced for design matters, installation procedures and other product information and constraints.

Please check the latest information which is always available at:

www.lysaght.com

For technical enquires: steeldirect@bluescopesteel.com or call 1800 641417

LYSAGHT is a registered trademark of BlueScope Steel Limited, ABN 16 000 011 058.

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