expanded polystyrene australia

CodeMark 30005

6 PS

EPSA Exterior Insulation and Finish System (EIFS)

Responsible for Supply, Installation and Recycling of EPS Cladding Systems

Suppliers

- Supply an accreditated EPS Cladding System (National Accreditation). Components can not be substituted.
- Use of flame retardant EPS raw material in manufacturing EPS Cladding.
- Supply a 10 year warranty and accreditation certificates at completion.
- Supply a list of all relevant test results for all components of the system.
- EPS Cladding only be used in Class 1 and Class 10 Buildings (no more than 2 stories).

Installation

- System to be installed by Accreditated Installers or Builders.
- Training courses to become an accreditated installer are required.
- Checklist to be signed off by Builder and Accreditated Installer.
- Must be complete and returned to the supplier to obtain a warranty and certification.
- All project details filed for 10 years.
- Onsite audits of installers.
- Installation Guides available to Builders (sent out with delivery, complete with detailed drawings).

EPS Recycling

- All suppliers to supply waste recycling bags with deliveries.
- Builders/Installers to pack up off cuts of EPS cladding and place into bags.
- Only clean EPS waste can be recycled (No contaminated material).
- Recycle and Reuse all clean waste in a manner consistent with EPSA commitments towards achieving a plastic circular economy.
- Contact EPSA 0 epsa.org.au for the nearest drop-off point or arrange collection through the supplier.

EPS and the Environment

- EPS Cladding is comprised of 98% engineered air and therefore only 2% polystyrene, making it a highly efficient use of raw material.
- EPS Cladding remains inert, is non toxic, odour free and non- biodegradable.
- No CFC's or HCFC's foam agents are used in its manufacture, so EPS causes no damage to the ozone layer.
- Effective installation of EPS Cladding can cut carbon dioxide emissions by up to 50%.
- The R-value of EPS Cladding does not deteriorate during its lifetime, therefore the reduction in emissions lasts the full lifetime of the building.
- The energy used to manufacture EPS Cladding is recovered within six months by the energy saved in the building in which EPS Caldding is installed.
- Typically, for every kg of oil used in EPS Cladding manufacturing, around 200kg will be saved in reduced heating demands.
- All EPS waste is recycled. It can be granulated and mixed with virgin material to make new products, or melted down to create alternative products in other industries.