



SPECIALIST PANELS UK LTD

Data sheet 9

Panel Handling & Care

Handling

Panels are usually supplied in packs wrapped in protective plastic, with additional corner protection and edge protection. They are packed on bearers and can be unloaded in most situations using standard forklifts. Packs should be lifted singularly, supported from the centre.

Even though panels come with strippable film to white surfaces, when lifting individual panels from the pack avoid rubbing surfaces as any loose debris can cause scratching to the finish. Panels should be treated with care to avoid damage, especially to edges.

Isowall™ 



Storage

Panels should generally be stored in a dry place, although for short periods panels can be left out doors as long as the protective plastic is in place. Packs should be kept off the ground and not stacked on top of each other.

Surface Damage

Some surface damage can be repaired using panel repair kits although advice should be sought from our technical department regarding severe damage.



Walk on Ceiling Requirements

Walk on ceilings can be constructed from Isowall panels (refer to panel strength data), for the purpose of supporting occasional maintenance workers.

The following general advice is given with the understanding that full consideration should be given to ceiling design with respect to loads to be placed on them.

Panels must not be used as a working platform.

Clear guidelines should be displayed for personnel at all ceiling access points.

No more than 2 people should stand on any one panel, with additional caution given to panels with apertures.

Ceilings should not be placed under additional stress by personnel such as running or jumping.

Walk ways should be constructed by means of cat walks or Youngman type boards for access areas in frequent use.

All pipe work, plant and equipment should be securely fixed to the overhead structure and not directly to the panels.

Apertures can affect panel strength and advice should be sought regarding placement.

Sources of heat such as welding equipment should be kept clear of panels.

It is advisable to cover ceiling panels during construction with a minimum 6 mm thick plywood, to avoid accidental damage. This can be kept in place for frequently used access areas.

Panel Cleaning

Internal panels can generally be washed with water or a solution of non aggressive detergent or Tepol and water followed by a water rinse. White spirit can be used for oil or grease stains, again followed by a water rinse, but concentrated cleaners, abrasive solutions and solvents will cause damage. Water hoses can be used but steam cleaning may cause damage if the face temperature exceeds 60°C.

Areas where regular cleaning occurs should be designed to avoid water gathering in any joints. A range of profiles are available from Insulation Industries Ltd which are specifically designed to facilitate the maintenance of hygienic areas.

It should be noted that some exhaust fumes from heaters and vehicles can cause permanent staining of certain colour coat and stelvetite finishes, therefore prolonged contact with exhaust systems should be avoided.

The Assure polymer-film coated product has a robust coating that is tolerant of regular cleaning using any of the methods recommended above. Assure with a paint coating requires a little more care and is not suitable for pressure-hose cleaning or frequent washing.

Information is offered as general guidance. Additional information on specific applications is available on request.

In pressure-hose cleaning - which is suitable only for the polymer-film coated product - the water must not exceed 60°C and 1000psi.



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