

Technical Bulletin: Perforated Panels

Interpon recommends the use of a barrier coat epoxy powder primer (MetaPrep™ Grey EL286A) as an undercoat for all perforated aluminium panels where a commercial Interpon D warranty is required specific to the environmental Classifications of AS4312.

A higher etch rate does not provide sufficient protection to counter long term issues when components are installed in aggressive atmospheres.

The use of an epoxy barrier primer is required to coat the perforated panels to achieve an adequate film build and protection for the sharp edges. This minimises issues associated with edge pull (reduction of film thickness on sharp edges during the curing process), such as filliform corrosion.

The details outlined below are Interpon's guide for where Interpon MetaPrep™ Barrier Primer is recommended or mandatory.

Environmental Classifications (as per AS4312)	Environmental Type	Perforated Panels
C5-I	Heavy Industrial Environment	
С5-М	Beach Front / Marine	Interpon MetaPrep™ Mandatory for warranty to apply
C4	Coastal Environment	(Less than 500 meters from a coast shoreline or aggressive atmosphere)
C4	Swimming & Leisure Pools / Light Industrial	
С3/Т	Typical Environment	Interpon MetaPrep™
C1 & C2	Non-hazadous Environment	Recommended (not mandatory)

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