

EPS Cornices

STANDARD P001C-P025C INCL. P012C W, AND SHADOW LINE SL001-SL006

PRODUCT DESCRIPTION

Technopol EPS Cornices are decorative wall-to-ceiling profiles in fire-retardant expanded polystyrene, Technopol's CORNICE grade (nominal 27 kg/m³, application 'Decorative Surface'). They are supplied bare in standard 2400 mm lengths across 32 published sections - 26 Standard sections (P001C to P025C, including the P012C W wide variant) and 6 Shadow Line sections (SL001 to SL006). They are bonded into the junction with cornice adhesive, then primed and painted on site. They give the appearance of a moulded plaster cornice at a fraction of the weight. They are decorative trim: not insulation, not structure, and not rated for fire.

EPS CORNICES PROPERTIES

PROPERTY	VALUE
Material and grade	Expanded polystyrene, Technopol CORNICE fire-retardant grade, application 'Decorative Surface'
Nominal density	27 kg/m ³
Standard length	2400 mm - every one of the 32 published sections
Standard collection - section envelope	26 to 135 mm depth x 38 to 180 mm height, across 26 sections (P001C to P025C, including P012C W at 85 x 85 mm)
Shadow Line - section envelope	135 to 176 mm depth x 29 to 67 mm height, across 6 sections (SL001 to SL006)
Pack quantities	11 to 80 lengths per box, by code: SL003 11, P009C 12, P014C 80. Full schedule in the Design Guide.
Fixing	Adhesive bond onto both contact faces - the wall leg and the ceiling leg. No mechanical fixing.



Summary only — 8 further properties are given in the EPS Cornices datasheet.

APPLICATIONS AND SCOPE

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- Wall-to-ceiling cornice and coving in dwellings, apartments, offices and retail interiors - internal, dry, painted.
- Traditional crown and ornate mouldings where a plaster-look profile is wanted without the weight of a fibrous-plaster cornice.
- Restoration and heritage-look profiles on existing ceilings that cannot take the dead load of plaster.
- Indirect LED cove lighting - Shadow Line profiles mounted horizontally form a channel for an LED strip

WHERE NOT TO USE IT

- Not for use where the ceiling finish must carry a declared reaction-to-fire class - escape routes, corridors, stairwells, hospitals, schools
- Not for use in a fire-rated ceiling or wall assembly
- Not for external use - verandas, patio soffits, sun-exposed eaves - and not to be left unpainted anywhere
- Not to be touched by solvent-based products: contact adhesives, solvent-based 'no-nails' adhesives, oil-based or alkyd primers and undercoats