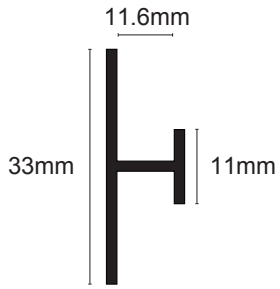
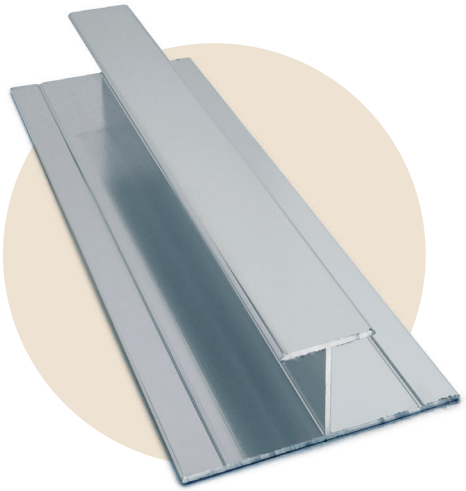
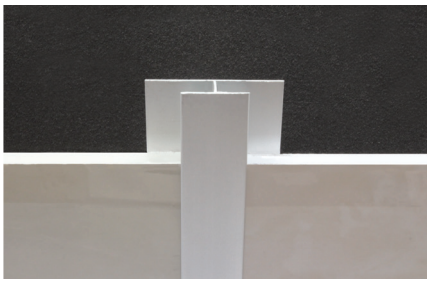
PHA





01	17	81	90	91	94
White	Matt Black	Matt Silver	Brushed Brass	Bright Silver	Brushed Silver



Product Description

The Genesis PHA H Joint is a decorative aluminium profile that is used to join two sections of paneling.

Technical Details

Profiles are available in different anodised finishes and powder coated finishes - All natural Aluminium (Mill Finish) has a oxide film of approx. 0.2 microns, when mechanically and chemically polished the anodising process increases this to 5 microns, up-to 20 for the matt finish and 100 for powder coated.

Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611	
Si%	0.2-0.6
Fe%	0.35
Cu%	0.1
Mn%	0.1
Mg%	0.45-0.9
Zn%	0.1
Cr%	<0.01
Al	Balance

Maintenance

These profiles do not require any special maintenance, any oxidation that develops on aluminium surfaces can be removed although they may recur naturally over time. This oxidation can be removed using a standard aluminium polishing agent, however, damage to an anodised finish, such as scratching, or cementitious chemical reaction can only be restored by recoating.

To preserve the appearance and performance of the profile, promptly remove any adhesive, mortar, cement, or grout residue from visible surfaces. When exposed to moisture, cement-based materials become alkaline and may cause corrosion of aluminium if left in contact for extended periods. Ensure the profile is fully embedded in the setting material and that all voids are completely filled to prevent the accumulation of alkaline water.

To maintain and protect the surface, clean only with colorless alcohol diluted in water or pH-neutral detergents. Avoid acidic cleaners, such as hydrochloric or hydrofluoric acid, as they can cause damage. Use only soft, non-abrasive cloths or sponges, and apply cleaning solutions to the cloth rather than directly onto the surface. After cleaning, rinse thoroughly with water and dry immediately using a soft cloth.

External Use

Bright and brushed finishes are not suitable for environments with direct UV exposure or where mechanical cleaning operations occur.

Dimensions

All profiles are available in 2.4m lengths with a depth of 11.5mm.

Installation

1. Start the panelling in the corner furthest from the door and panel in both directions.
2. Fix an internal corner trim in position, ensuring this is plumb. Apply a silicone sealant to the groove of the trim and adhesive to the battens or substrate.
3. Insert the first panel into the grove of the trim, you will first need to remove the smaller tongue. Continue to fix panels away from the corner, ensuring to seal all joints with a sealant. Allow 3mm expansion gaps within the trims.
4. Continue the panelling as required, using the necessary trims.