

Fixing 4mm Parapan®

A. Fixing Parapan to a timber or MDF Substrate

When fixing 4mm Parapan® to a timber or MDF substrate (for example, on furniture fronts) we would recommend using Soudal Mir-o-bond.

STEP 1: Remove protective film from back of Parapan®. Clean with Parastat anti-static spray and leave to dry.

STEP 2: Ensure substrate is dry and dust free.

STEP 3: Insert Mir-o-bond cartridge into sealant gun and apply a continuous 6-10mm wavy bead of adhesive along the edges of the substrate to which the Parapan® will be bonded.

STEP 4: Bond the Parapan® to the substrate using masking tape to hold in position temporarily to allow for setting.

STEP 5: Place a flat piece of MDF (18-25mm thick), which is roughly the same size as the Parapan® being bonded, on top of Parapan® and clamp around perimeter (doing this will keep the Parapan® totally flat and avoid any surface distortion).

STEP 6: Leave for a minimum of 4 hours at room temperature.

B. Fixing Parapan to an MDF Sheet

When cladding 4mm Parapan® to an MDF sheet (for example, for wall-cladding) we would recommend using a contact adhesive (preferably spray-on for larger panels.)

STEP 1: Remove protective film from back of Parapan®. Key back of material with P120 sandpaper and then clean with Parastat anti-static spray and leave to dry.

STEP 2: Ensure MDF sheet is dry and dust free.

STEP 3: Once dry apply an even coat of contact adhesive to both Parapan® and the MDF sheet.

STEP 4: Leave for required time as per the instructions on the contact adhesive (usually 30 minutes or until touch dry.)

STEP 5: Accurately place Parapan® on to the MDF sheet and clamp an 18-25mm thick cover sheet over the top of the Parapan® for 1 hour to avoid surface distortion.

C. Fixing Parapan® to Parapan®

When bonding Parapan® to Parapan® we would recommend using Acrifix. Acrifix is a two-part adhesive that requires mixing as per the manufacturer's instructions prior to use.

It is not possible to produce a seamless joint when butt jointing Parapan® and we would therefore recommend using either a 2mm x 2mm shadow gap or a v-groove to enhance the joint rather than trying to disguise it.

STEP 1: Peel back protective film from Parapan® where required for bonding, mask off surrounding areas to protect from excess glue. Clean with Parastat anti-static spray & leave to dry.

STEP 2: Apply adhesive evenly with spreader to one side and bond the two pieces of Parapan® together.

STEP 3: Using Clamps or weights apply light even pressure over entire surface and leave for a minimum of 4 hours (a locating jig may need to be used to stop the two pieces from slipping around). It will take 24 hours for the adhesive to be fully cured.