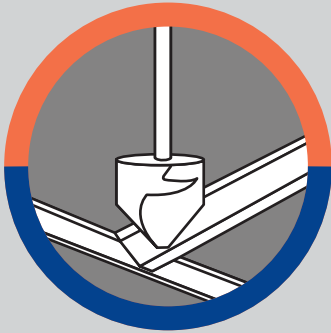


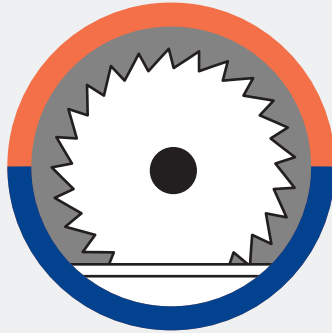
Fabrication

Guidelines



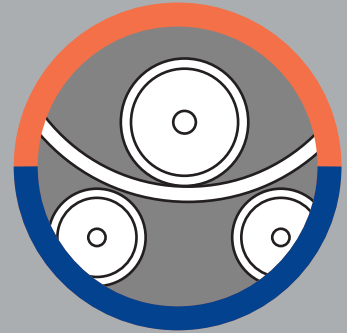
GROOVING

Routing a groove using a disk or end-milling cutter is much more easier than making a groove in a wooden substrate. Kindly ensure that 0.8mm of plastic core material remains at the base of groove for flat and consistent bending at the groove during fabrication



JIGGING

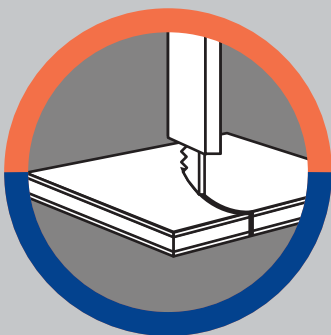
Alupex panels can be cut to any shape and size by a contour cutting process with water jets, profile milling machines, contour saws and jigsaws.



BENDING

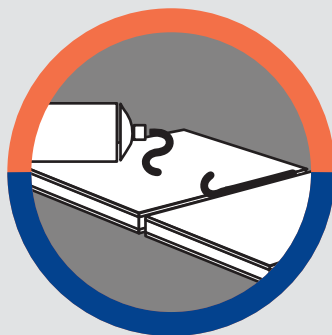
This can be done by using a folding table or break press where the inside bending radius is approximately 10 to 11 times of the panel thickness for Alupex FR and 25 times for Alupex A2. For the mass production it is advisable to make a prototype. Please be aware that the spring-back effect in case of these panels is higher than that with other solid metal sheets

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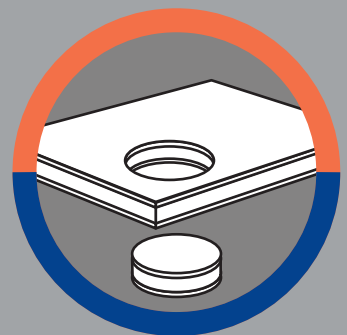
SAWING

Alupex panels can be cut with a circular, band or jigsaw similar to any other wood cutting process.



GLUEING

Adhesive tape, liquid adhesive, double sided adhesive tapes etc. can be used on back surfaces. Please note that these adhesives cannot be used for the inner plastic cores and also usage on the top painted surface is not advisable.



PUNCHING

These can be punched with any conventional sheet punching machines with evenly grounded tools and narrowest cutting gap. Please note that an inappropriate punching can cause an indentation on the top surface.