

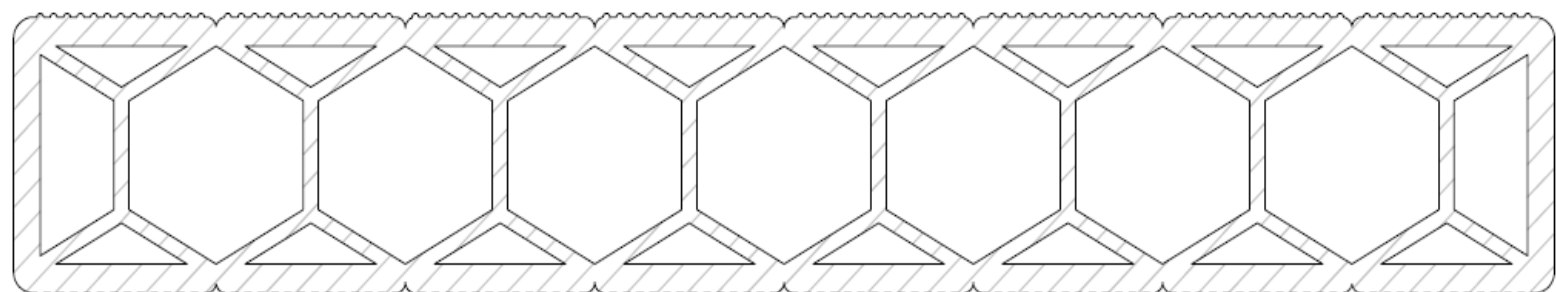
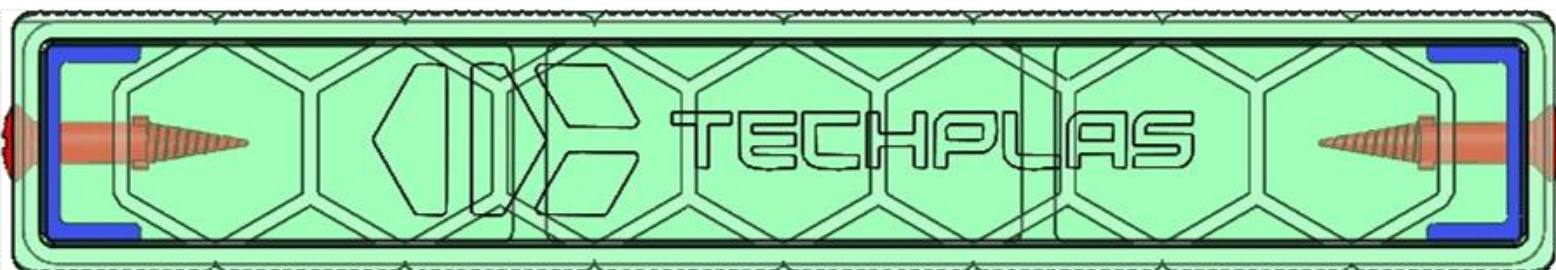
TECHBOARD™ SCAFFOLD PLANK

CUTTING AND MODIFICATIONS GUIDELINES

The Safer, Smarter Scaffold Planks
That Costs Less and Lasts Longer



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2019



TECHBOARD

Cutting and Modifications Guidelines



Introduction

TechPlas Extrusion has been manufacturing TechBoard products since 2016, for use as scaffold planks, boardwalk, decking planks and many other applications where a weather-proof alternative to timber planks is valued. There are two main forms, the TECHBOARD™ LITE and the TECHBOARD™ ULTRA. This documents to be used in conjunction with the “TECHBOARD™ LITE and ULTRA Installation Specifications” documents; and aims to provide advice on the correct methods and tools to use when cutting and modifying TechBoard products after purchase.

TECHBOARD™ LITE is a 100% Polymer composite material whereas TECHBOARD™ ULTRA is reinforced with two hi-tensile steel channels secured in the outermost cavities

All health and safety precautions must be taken when processing the TechBoard products.

TECHBOARD™ LITE

TECHBOARD™ LITE is a forgiving building material and most wood / multi / PVC blades and bits produce clean cuts, with swarf and minimal to no chipping or cracks.

Circular saw blades will have cleaner cuts with more teeth and an angle designed for PVC pipe. A standard 24T, carbide tipped blade for hard-wood will also produce adequate cuts. No issues are present cutting longitudinally, horizontally or on an angle for the TECHBOARD™ LITE.

When cut in this manner the strength and associated deflection of the TECHBOARD™ LITE is proportional to the removed segment of the plank and additional supports may be necessary.

Contact TechPlas for options regarding re-sealing of TECHBOARD™ using appropriate PVC sealing caps.

No issues are present when using hole-saws or drilling, drill-bits designed for hard-wood timber use are ideal.

For decking TechPlas recommends the use of counter-sunk bugle head screws at minimum 60mm.

Caution is advised for routing works – routing bits designed for hard-wood travel easily through surface material, however the bit can “slip” when making contact with internal strengthening ribs.

TECHBOARD™ ULTRA

Cutting or modifying the TECHBOARD™ ULTRA horizontally (across the face) or at an angle will void any warranty and is conducted at the users own risk.

As an exception the TECHBOARD™ ULTRA can be cut longitudinally using a circular saw (as above) to produce two 115mm planks. When cut in this manner the strength and associated deflection of the TECHBOARD™ ULTRA is diminished, consultation with TechPlas Engineering is required else warranty is void.

Attaching

TechPlas recommends the use of self-tapping machine or wood screws for attaching components such as plywood.

The use of a nail-gun will cause shattering to the material surface and potentially internal ribs, voiding the product warranty.

