

# TECHBOARD™ ULTRA SCAFFOLD PLANK

**The Safer, Smarter  
Plank that Costs Less  
and Lasts Longer**

**inovyn**  
An INEOS company

SILVER MEDAL  
– DESIGN INNOVATION



**TECHPLAS™**  
Smart people doing smart things with plastics

# Introducing the smarter plank that lasts longer, costs less in the long run and is a safer alternative.

TechBoard Ultra is a revolutionary new scaffold plank designed to last 3-5 times longer than conventional LVL. This provides a much lower life-cycle cost than traditional products which will save you money in the long run.

TechBoard Ultra is made from strong PVC which requires a lot less maintenance than LVL planks, providing further savings. TechBoard Ultra can be stored wet without the need for each board to be separated. In fact, TechBoard Ultra can even be stored outside as it is impervious to water.

TechBoard Ultra scaffold planks are safer for workers as they will not splinter or chip. They will not take on water and become heavier, nor will they warp, swell, delaminate or corrode. Best of all, TechBoard Ultra features superior slip resistance to reduce onsite accidents and injuries. The planks won't burn because the engineered PVC formulation is completely self-extinguishing and designed with smoke retardants, making them significantly safer than LVL in case of fire.

TechBoard Ultra planks are non-contaminable and resistant to most chemicals. The planks can be recycled at end-of-life eliminating the need for them to add to landfill.

TechPlas has been extruding PVC products in Australia for over 30 years and today around 50% of the products we produce contain some recycled content.



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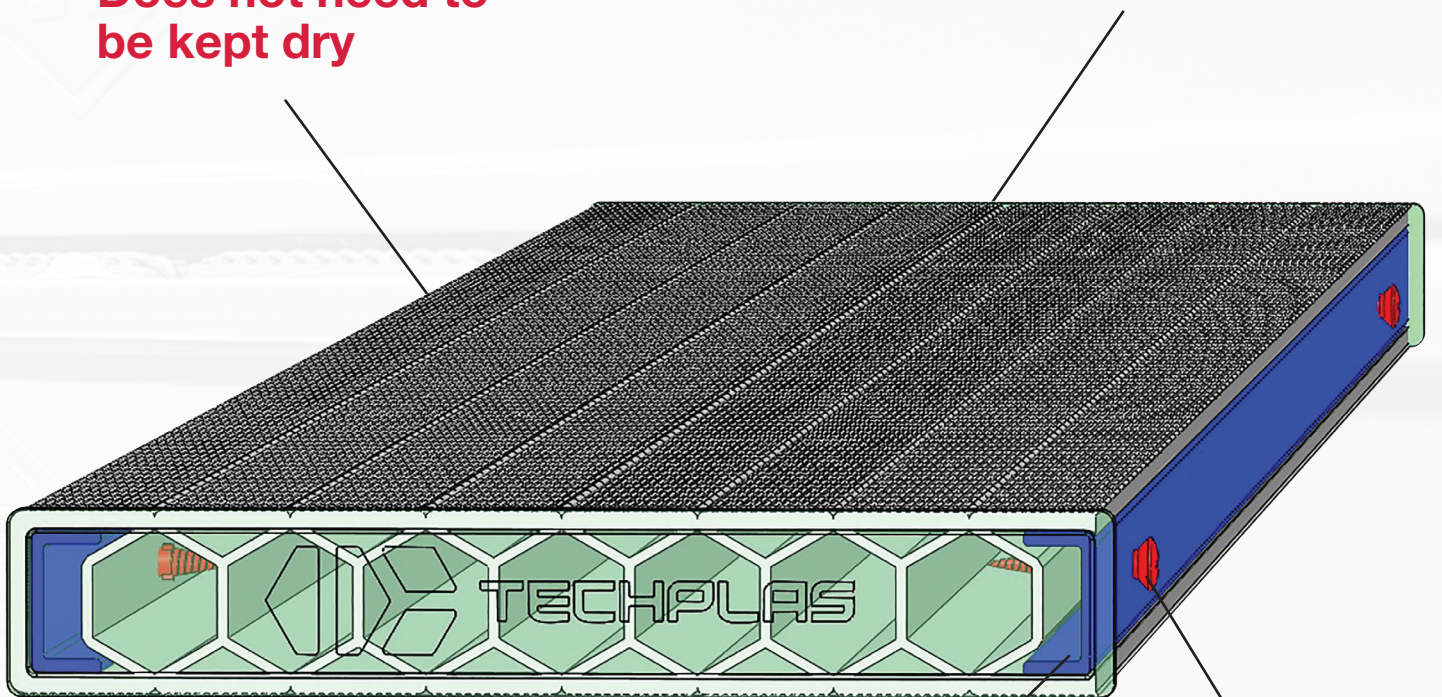
# ▶ TECHBOARD™ ULTRA SCAFFOLD PLANK

## LOW MAINTENANCE

- Easy to store
- Does not need to be kept dry

## SAFER

- Splinter-free
- Non-slip surface
- Chemically inert
- Non-flammable



## LONG LASTING

- Up to 5 years
- Will not swell, warp, twist or crack

## STRONG

- Steel reinforced  
WLL of 230kg for  
a span of 1.8m  
AS1577:2018

- Steel channel  
secured with  
4 x winged  
Tek-screws

# SAFER FOR ALL WORKERS

Using TechBoard™ Ultra scaffold plank protects your workers and helps reduce on-site injuries and accidents.

## SAFER

- No chance of splinters
- Non-conductive, safe for use in electrically sensitive environments
- Under-foot grip provides enhanced safety when working in wet environments
- TechBoard™ Ultra scaffold plank has inherent ultimate strength (Steel reinforced WLL of 230kg for a span of 1.8m AS1577) and significantly less risk of splitting.

## SCAFFOLD COMPLIANT

- TechBoard™ Ultra complies with the Australian Standard AS/NZS 1577:2013. Testing done by NATA certified labs.

## NON-FLAMMABLE

- Self-extinguishing in fire
- Safety compliant for smoke toxicity (oxygen index) and ignitability with minimal damage caused by direct hot-works activities - MDG3608 complaint in oxygen / smoke toxicity and ignitability.

## CHEMICALLY INERT

- Can be used in sensitive and hazardous environments. Resistant to acids and caustics. Suitable for use in fungal avoidance areas or clean rooms.
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TechBoard™ Ultra Safety technical table

International Scaffolding Standards	AS/NZS1577:2018 // BS2482:2009 // ANSI A10:2011// EN 12811-1:2004
Underground Coal Mines	MDG3608-Fire / Smoke and Antistatic Compliant
Fire & Smoke	AS 1334:10 – 1994 – Ignitability and Flame Prorogation Compliant at < 1s ISO 4589-2 – 1996 – Ignition and Oxygen Index Compliant at 42%
Anti-static Accessories	For Explosive Class 0 and Class 1 Environments
High-Grip Surface	AS4586:2013 Pedestrian Access > P5
Chemical Resistance	Acids and Caustics

TechBoard™ Ultra Working Load Limits

Length (m)	Size (mm x mm)	Maximum span (m)	TechBoard Model	Plank weight (kg)	Working Load Limit (kg)
0.6	230 x 39	0.4*	Standard	2.7	230
0.9	230 x 39	0.7*	Standard	4.1	230
1.2	230 x 39	1.0*	Ultra	8	230
1.5	230 x 39	1.3*	Ultra	10.1	230
1.8	230 x 39	1.6*	Ultra	12.1	230
2.1	230 x 39	1.8*	Ultra	14.1	230
2.4	230 x 39	1.8*	Ultra	16.1	230
2.7	230 x 39	1.8*	Ultra	18.1	230
3.0	230 x 39	1.8*	Ultra	20.1	230
3.6	230 x 39	1.8*	Ultra	24.1	230

\* Maximum span to meet Medium Duty (230kg WLL) as per AS/NZS 1577:2018 and AS/NZS 1576.1:2019

# BACKED BY TECHPLAS™ EXPERIENCE AND INNOVATION

Established in 1985, TechPlas is a wholly owned and operated Australian company specialising in the manufacture of custom extrusions, specialty pipes and, more recently, innovative new product solutions such as TechBoard™ Ultra scaffold plank.

TechPlas supplies its products to a large number of industrial clients including ASX 100 companies across mining, construction, infrastructure and food processing.

Working with the TechPlas you know you are working with smart people who do smart things with plastics.



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