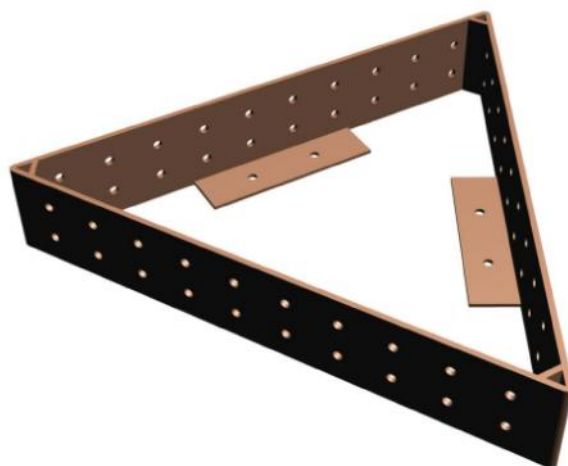


TRIGREEN™

Soil Erosion Control and Green Agent (Product Catalogue and Technical Data)

Product Description

Tri-Green™ is a three dimensional triangular product made specifically for vegetation and greening purposes on slopes. Made from polypropylene that is high resistance to UV ray and inert to acidic and alkaline soil making it most suitable to be used as a greening agent. It provides a platform for introduction of topsoil hence acting as a medium for grass to grow over hard material or rock slope.



Product Technical Data

Mechanical Properties	Unit	TGP100
Material		POLYPROPYLENE
Density	g/cm ³	0.90
Tensile strength (yield point)	kg/c ²	240
Elongation At Yield	%	7
Sheet Thickness	mm	6
Cell Height	mm	100
Melting Temperature	°C	230

Physical Properties

Standard Color		Black
Surface		Smooth
Standard Cell Size	mm	600 x 600 x 600
UV resistance		Yes
Pressure on panel (tested-photo is attached at 2nd page)*		0.29 kN
Pressure from soil on panel**		0.17 kN

Advantages:

♦ Manufacturing

Made through injection moulding process. Thus eliminating joints and weak points to form one solid single piece.

♦ Installation

- Does not required skilled workers to perform installation
- Light weight product, hence easily transported to site
- Piece to piece connection can easily be integrated and become homogenous

♦ Material properties (polypropylene)

- ♦ The product is inert to both alkali and acidic soil and suitable for greening agent on soil and rock slope

NOTE:

* Tested at accredited lab (Nusantara Technologies Sdn Bhd) - Test result is attached

** Calculated based on panel size (600mm x 600mm x 100mm)

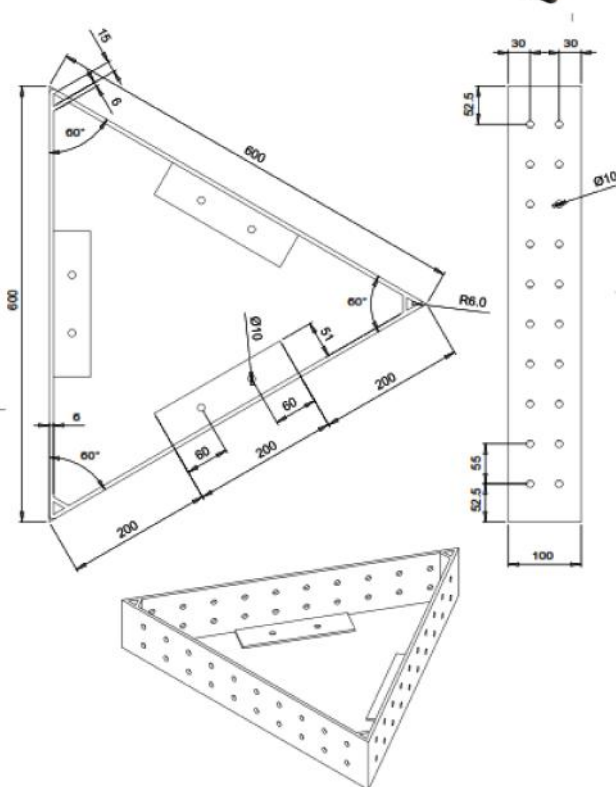


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Photo : Testing of TriGreen panel is carried out at Nusantara Technologies Sdn Bhd