



GLOBAL POLYMER INDUSTRIES

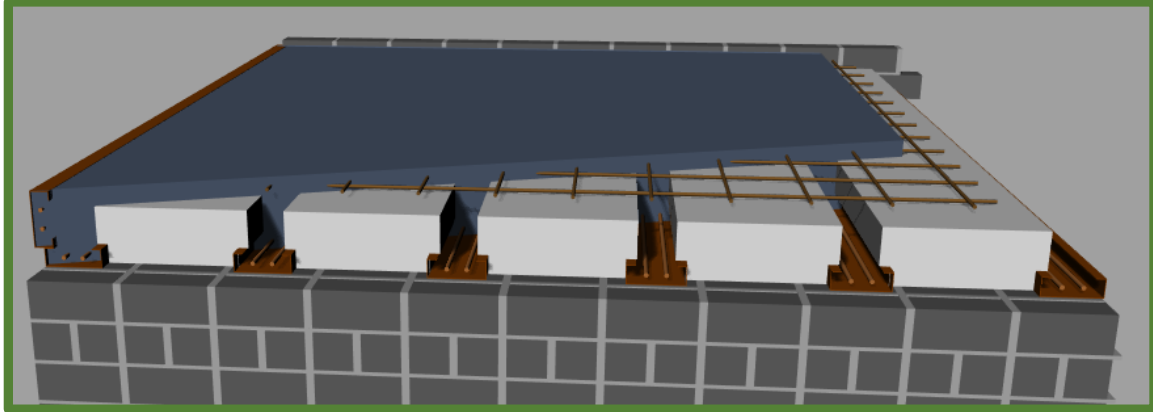
P.O.Box 1428; 2 Volt Street, Industrial West; OTJIWARONGO / NAMIBIA



e-mail: info@styrotex.com.na ; Tel : 067 - 303191/2

TDS 042/March 2020

Styrotex Slab System



an efficient solution



Styrotex Decking Module



Props at 200cm c/c



Reinforcing Mesh



Pouring of Concrete



Bottom View



Finishing

OBVIOUS ADVANTAGES:

- No bottom of slab formwork required;
- Installation time is reduced by 70%;
- Up to 30% cost saving on material;
- Easy handling of components before pouring of concrete and therefore a minimal risk of damage to components;



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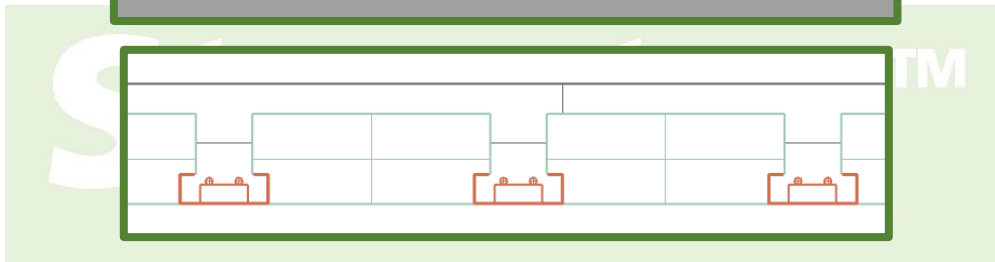
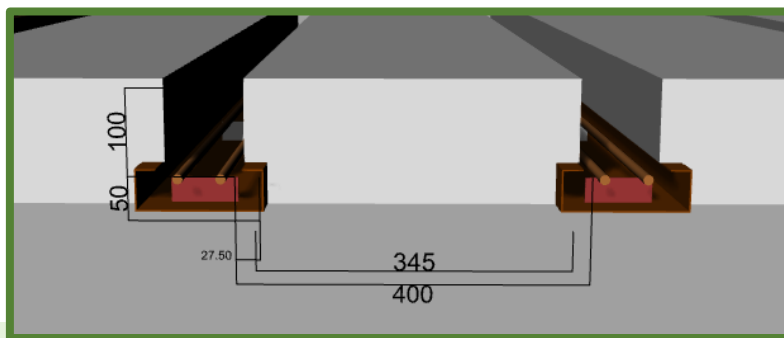


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DECKING COMPONENTS:

- Cold Formed Lipped Channel section to the size specified by a professional engineer; (standard – max span 6 m – 150 x 50 x 20 x 2,5mm with shear studs at 500mm c/c)
- Reinforcement steel to the specification of a professional engineer; (standard – 2 x Y12/Y16 placed in the channels before pouring of concrete and reinforcing mesh ref. 617 (10mm) placed in the top 50mm concrete layer with covering of not less than 25mm)
- 30Mpa Concrete (0,09m³/m²);
- Styrotex Voids;



FINISHES:

The bottom of the slab surface can be finished off in three methods:

- Skimming to a smooth surface which can be painted;
- Cross bar timber grid fixed with tec-screws to the lipped channels and finished conventional;
- Suspended ceiling fixed to pre-fabricated brackets;



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