

ESKYDECK

EPS CONCRETE FORMING SYSTEMS



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Eskydeck Triple Chair

The Eskydeck Triple Chair has been designed to be used with the Eskydeck forming system. Sizes are available for each panel and beam combination.

The Triple Chair is used to support bottom and top bar reinforcement and maintain proper reinforcement clearance and concrete cover. The top bar when in place also provides support for slab mesh or bar reinforcement. Designs where shear reinforcement is required the Triple Chair provides this required reinforcement. Each size is made to self space to the code required spacing by butting the base legs together in the beam form. This spacing is max 1/2 the depth of the beam from the top of the slab to the center of the bottom bar. As the beam depths increase the base legs get longer to space the Triple Chairs further apart.

The Triple Chair also provides extended top bar hooks which provide the required mechanical lock between beam and slab when engineered as a composite slab. The spacing of the Triple Chair shall be determined by the project engineer when used for composite slab interlock.

The Triple chair is not to be used where form work is to be removed. The base legs rely on the stay in place form work of the Eskydeck system to provide minimum protection from environmental exposure.

The bottom bar chairs meet the code requirements of a hook to contain the bottom bars when tension forces are transferred to the shear reinforcement.

The top bar chair does not require a hook as forces in the beam cannot cause upward tension on this bar. However the top legs of the Triple Chair do have hooks to keep the legs from pulling free of the concrete when in tension.

Contact Eskydeck for available Triple Chair sizes or additional information.

This product has be designed to meet or exceed requirements of the following codes;

AS 3600

ACI 318-08

CSA A23.3-04