



**asset StrenCor** represents asset's commitment to bringing the latest development in the field of wide span corrugated metal structures to our UK customers and export markets. As with our **asset MultiPlate**® product range, **asset StrenCor** combines the advantage of lightweight construction with the superior strength and durability of galvanised steel.



### **Applications**

asset StrenCor is an economical solution for applications such as:

**HIGHWAY BRIDGES**

**CULVERTS**

**GREEN BRIDGES OR WILDLIFE UNDERPASSES**

**MINE PORTALS**

**VEHICLE UNDERPASSES**

**UNDERGROUND STORAGE**

**RAILWAY UNDERPASSES**

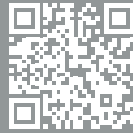
**RAIL STRUCTURES**

**MINE PORTALS**

### **Easy Installation**

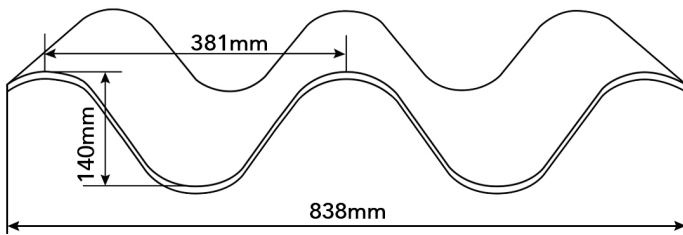
The lightweight modular panels can be shipped easily and economically to even the most remote location, assembled adjacent to the job site, and moved into place using lighter-weight equipment than conventional construction methods, reducing closure times and lowering installation costs.

FOR FURTHER INFORMATION  
SCAN THIS CODE TO VISIT  
OUR WEBSITE

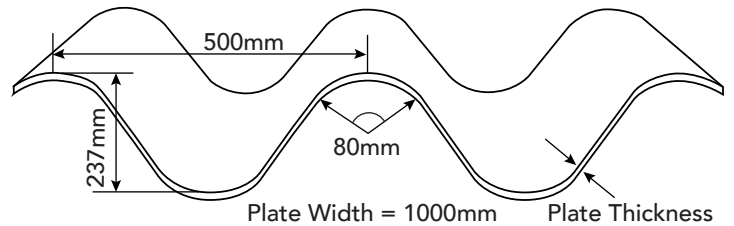


## Deep Corrugated Structural Plate (DCSP)

asset StrenCor has larger annular corrugations (381mm x 140mm or 500mm x 237mm) compared to asset MultiPlate® corrugation which has a 200mm x 55mm. The additional stiffness of this larger corrugation means that greater spans can be achieved compared to either asset MultiPlate® or SuperSpan®.



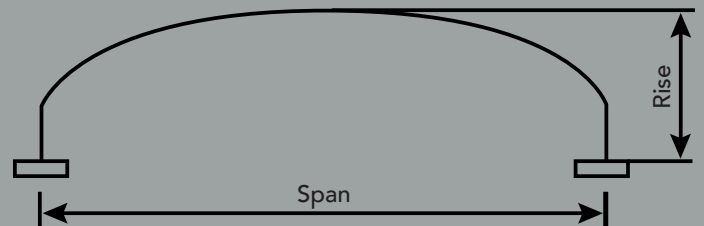
ASTM A 796M Table 35



ASTM A 796M Table 37

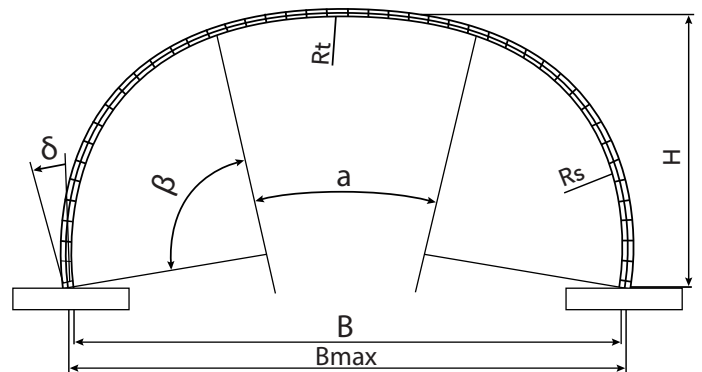
asset StrenCor box culverts combines the strength and cost advantages of asset StrenCor's corrugation profile. An additional rib structure where required can be used for further reinforcement along the length of the structure. The extra strength permits designs up to 20m, compared to the 7.8m span limit for other metal box culverts. This makes asset StrenCor box culverts the ideal solution for long span, low rise situations with shallow cover.

### Box Culvert



asset StrenCor Arches surpass the range of asset MultiPlate® Arches with spans exceeding 35m. They can be installed over natural stream beds without environmental disturbance. High profile asset StrenCor Arches are ideal for highway applications requiring large end areas or wide spans.

### Typical Arch Profile



#### DESIGNED TO:

- CAN/CSA-6 Canadian (CHBDC)
- AASHTO LRFD Design Specification
- CD375 Live Load and Durability Clauses
- AISI
- Eurocode

