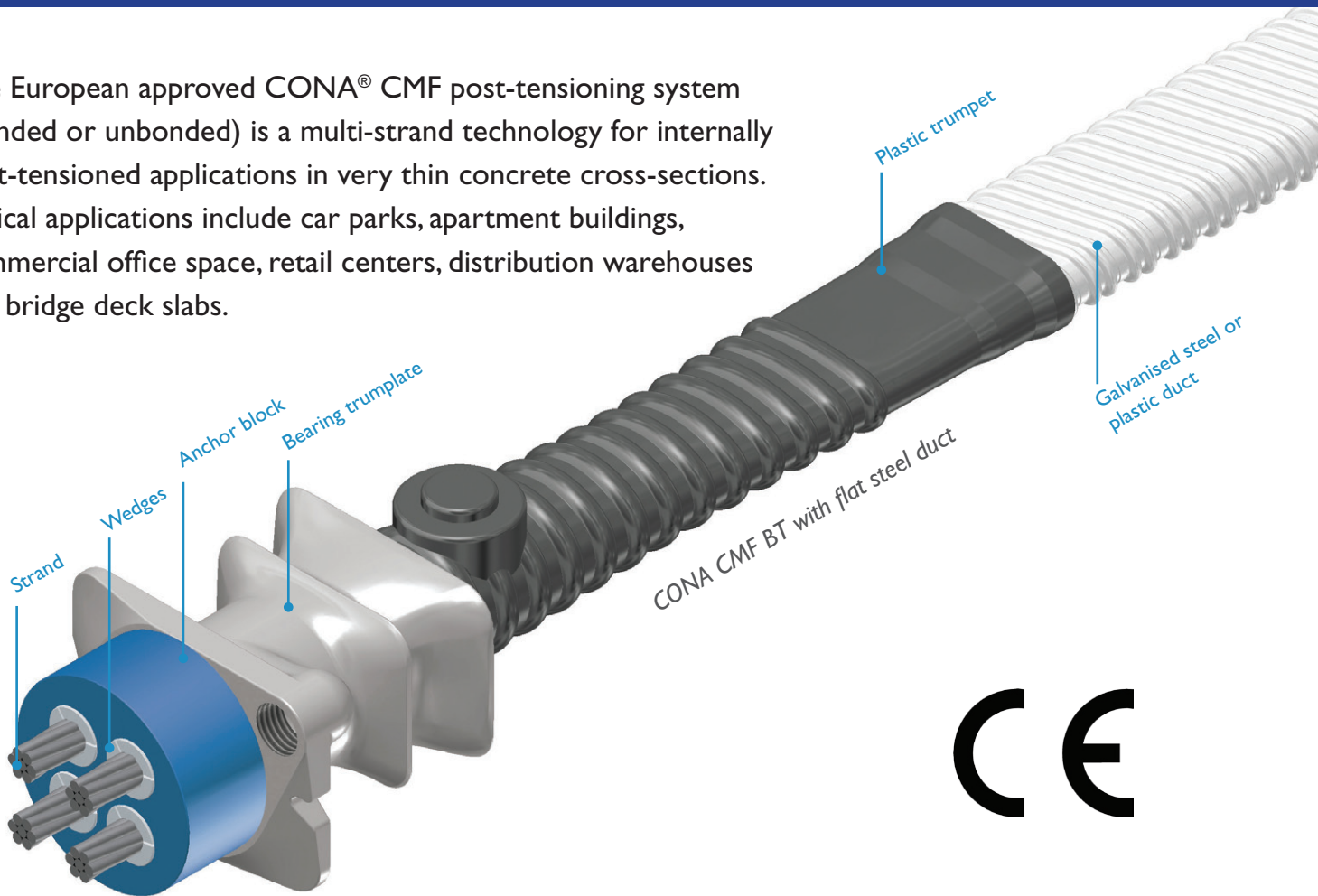


BBR VT CONA CMF - Flat

Flat anchorage internal bonded or unbonded post-tensioning system



The European approved CONA® CMF post-tensioning system (bonded or unbonded) is a multi-strand technology for internally post-tensioned applications in very thin concrete cross-sections. Typical applications include car parks, apartment buildings, commercial office space, retail centers, distribution warehouses and bridge deck slabs.



CE



Sylvia Car Park (New Zealand)

BBR VT CONA CMF - Flat

Flat anchorage internal bonded or unbonded post-tensioning system



Features

- Available in either 2, 3 or 4 strand configurations
- Optimised for 15.7mm diameter, 1,860 MPa strand
- Compact light-weight and flat system for thin concrete cross-sections
- Advanced proprietary load transfer element for very small centre spacings and edge distances at the anchorages
- Application of full post-tensioning force at very low concrete strengths ($f_{cm,0} = 17/21$ MPa)
- Fixed and movable couplers for joining tendons
- Corrugated round or flat tendon duct utilizing either galvanized steel or plastic material
- For bonded applications the ducts are filled with high performance BBR grout
- For unbonded applications the ducts can be injected with grease/wax or circulating dry air
- Restressable & exchangeable tendons perfectly suited for long-term inspection and maintenance
- System compatible with greased and HDPE sheathed monostrands
- European Technical Approval and CE marking

Available tendon sizes

Type of strands*

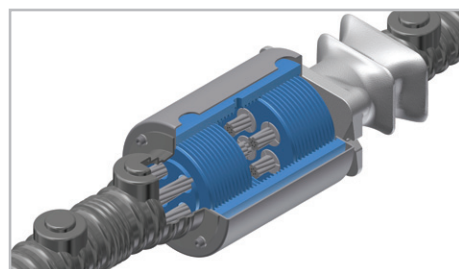
in	05	06
mm	12.9	15.7
mm ²	100	150
MPa	1,860	1,860

Tendon sizes

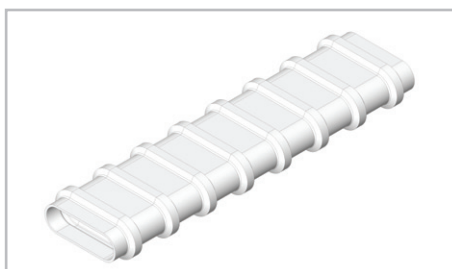
Strands	Characteristic ultimate resistance of tendon [kN]	
02	372	558
03	558	837
04	744	1,116

* 12.5mm and 15.3mm diameter strand, and 1,770 MPa tensile strength strand is also available

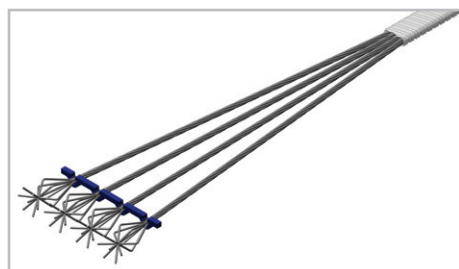
Compatible technologies



Coupler H (fixed & movable)



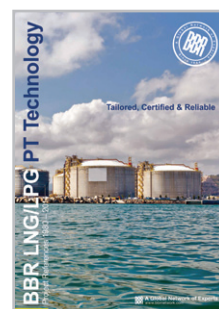
Plastic Duct (flat & round)



CONA CMO - Bonded onion anchorage



Plain strand & monostrand



For further information download these brochures from our website.