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Specification text

C140-Diamond Spun Concrete Column: Delivered at place excluding unloading

C140-Diamond Spun Concrete Column: Delivered at place
UHPC spun concrete column up to C140 according to structural design documents and DIBt technical approval Z-15.13-343, as well as BS EN 12843, BS EN 1992-1-1 and BS EN 1992-1-2 including 2 transport anchors, reinforcement B500B and if applicable prestressing steel St1660/1860 according to design. The column has a smooth visible poreless concrete surface without any transverse seams and an interior hollow space of approximately 1/3 of the outer diameter.

Column denomination:	(any desired denomination, i.e., design position)
Column location: *(please choose)*	interior / edge / corner
Cross section dimensions:	$\varnothing$ = ... cm or a=...cm, b= ... cm
Length (T/O SSL – T/O SSL)	L = ……….. m
Slab thickness:	h = ……….. cm
Concrete grade in slab:	C ………..
Design loads:	N_{Ed} = ……….. kN
	$M_{Ed,x}$ = ……….. kNm
	$M_{Ed,y}$ = ……….. kNm
Vehicle collision load:	H_k = ……….. kN
	In ……….. m above column foot
Fire resistance requirement: *(please choose)*	R90 / R120 / …
Exposure class:	XC0, …, XS3
Corrosion protection requirement:	C1(L), …, CX(VH) (if applicable)
Base and top connections according to details	………..

Optional components:
Interior rainwater downpipe according to detail ………..
Slab opening according to detail ………..
Brightening of the concrete with titanium dioxide (max. 5% of the cement content)
Steel connection element (i.e. facade connection) according to detail ………..
Interior electrical conduits according to detail ………..

The C140-Diamond Spun Concrete Column will be dimensioned, and delivered by:

spannverbund Ltd
International House
24 Holborn Viaduct
London EC1A 2BN
United Kingdom
Telephone +44 7549 896678
info.uk@spannverbund.com

Delivered at place without unloading

….. Units   Unit price: **£** ....   Total price: **£** ....

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C140-Diamond Spun Concrete Column: Assembly

Assembly of the previously described C140-Diamond Spun Concrete Column including attachments and cast-in elements. The assembly includes unloading, measuring, fixing and where applicable grouting the gap below the steel base plate with mortar.

….. Units   **Unit price: £ ....**   **Total price: £ ....**