CONCRETE SPACERS

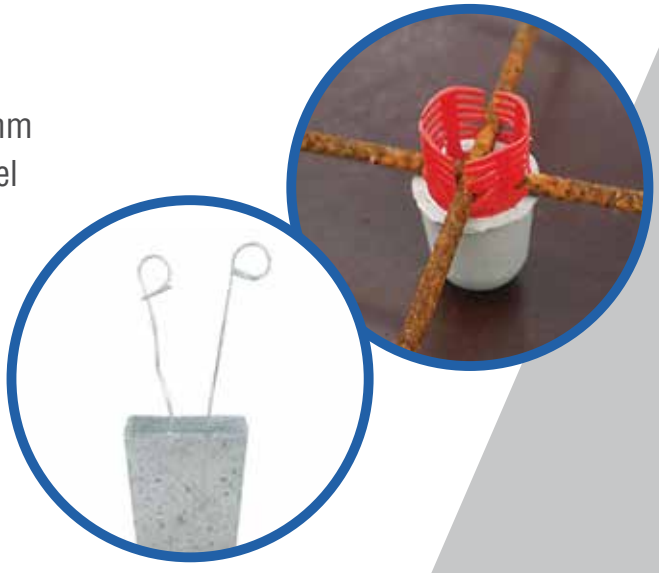
Cast Concrete Spacers ensure that the specified concrete cover to the reinforcement for structures and structural elements is achieved, both before and during concreting.

Danterr supply Spacers made of cast concrete with embedded wire for vertical and horizontal reinforcement. The Spacers provide a large contact surface and stable fixing for use on the building site and in the precast plant.

- Available in covers from 20 mm to 100 mm
- Available with galvanised or stainless steel tying wire

Danterr also supply Spacers made of cast concrete with a shuttlecock clip for vertical and horizontal structural elements. Spacers with shuttlecock clips and four-point support enable simple and quick fixing to the reinforcement. Suitable for use with reinforcements that are not walked on, e.g. in the precast plant.

- Available in covers from 20 mm to 60 mm
- Spreads load whilst minimising surface contact



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CONCRETE SPACERS

OVERALL ADVANTAGES OF CONCRETE SPACERS

- Cement-bound spacers, no heat/cold deformation
- Absolute guarantee of concrete cover
- Various attachment options for quick and easy use
- Precise positioning
- Homogeneous bond, no hairline cracks between spacer and concrete
- Fire-resistant according to the maximum requirements of DIN 4102 - Class A1 (non-flammable)

Danterr also supply Concrete Rail Spacers that are used to ensure that specified concrete cover to the reinforcement is achieved. They come in a range of profiles; square, round, square with groove, triangle and custom-made when required.

ADVANTAGES OF CONCRETE RAIL SPACERS

- High bearing pressure
- Standard length is 1m, custom sizes available
- Large base-support area to reduce pressure on the formwork
- Conform to the requirements of AS/NZS2425
- Excellent bond with concrete, so no hairline cracks between the spacer and concrete should occur
- Ideal for slab on ground application

- CHARACTERISTICS	VALUE	UNIT	STANDARD
Concrete cover	20-100	mm	AS3600-2001 /NZS3101:2006
Exposure Class suitability	A, B1, B2 and C	Class	AS3600-2001 /NZS3101:2006
Load Capacity	300	Kg	AS/NZS2425
Height tolerances (<75mm)	±1	mm	AS/NZS2425
Height tolerances (>75mm)	±2	mm	AS/NZS2425
Deflection under load	± 3	mm	AS/NZS2425
Permanent set	< 2	mm	AS/NZS2425
Compressive strength	≥ 60	N/mm2	AS/NZS2425
Construction material class	A1 – non flammable	EN13501-1:2002	
Water penetration depth	Max < 50, mean < 20 mm	EN206-1	
Porosity depth	< 8	mm	RMS / IC-QA-B80
RCPT	TBC	Coulomb	AS/NZS2425
Chloride ingress	TBC	X 10-12m2/sec	RMS / IC-QA-B80