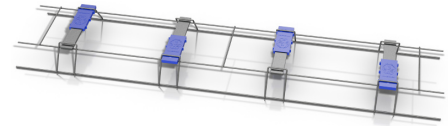


## DOWELCRADLE Load Transfer System

22.7.2015

DOWELCRADLEs are designed for use in concrete slabs or pavements where a sawn or other induced free movement contraction joints are required to be created. Dowels and sleeves are held by the cradle, aligned and suspended in position, in the middle of the slab at required dowel spacing, thereby ensuring correct positioning and alignment of the individual dowels and sleeves. Also allows extremely quick and simple to installation of the system by one person.








The system is suitable for internal and external slabs with depths from 125 mm to 250 mm slab depths. Other sizes can be designed according to requirements of the client. It is available in Plain Steel and Hot Dip Galvanized finish.

DOWELCRADLE with round bar dowels permits one directional slab movement. The load transfer system is accomplished by utilising high strength steel round bar dowels, moving within thin plastic shrink wrap sleeves.

DOWELCRADLE with flat plate dowels permits two directional slab movement both in longitudinal and perpendicular directions of the slab plane, and minimising vertical displacement of the slabs. The load transfer system is accomplished by utilising high strength steel discrete plate dowels, moving within rigid plastic release sleeves.

DOWELCRADLEs are supplied at APAC market.

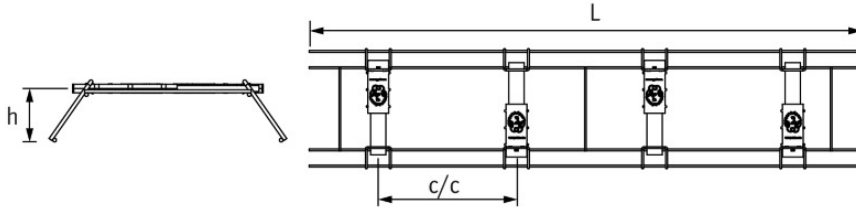
### Materials:

Version	Cradle	Dowels	Sleeves
DOWELCRADLE FDC	Q195	Q345D	ABS  
DOWELCRADLE FDC HDG	Q295	Q345D HDG	ABS  
DOWELCRADLE RDC HDG	Q395	Q345D HDG	PE 

HDG = hot dip galvanized.

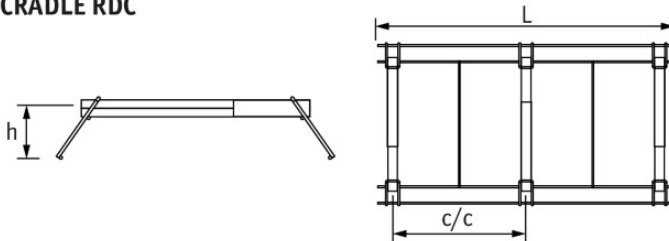
## Dimensions:

### DOWELCRADLE FDC



Type	Height h	Dowel type	Dowel centres c/c [mm]	Length L	Weight [kg]	Advisable slab depth [mm]
FDC 6-450-63	63	Flat plate dowel 6 x 50 x 500	450	1800	5.2	125
FDC 6-450-75	75				5.3	150
FDC 10-450-63	63	Flat plate dowel 10 x 50 x 500	450	1800	6.9	125
FDC 10-450-75	75				7.0	150
FDC 10-450-88	88				7.0	175
FDC 10-450-100	100				7.1	200
FDC 10-450-113	113				7.1	225
FDC 10-450-125	125				7.2	250

### DOWELCRADLE RDC



Type	Height h	Dowel type	Dowel centres c/c [mm]	Length L	Weight [kg]	Advisable slab depth [mm]
RDC32-450-63	63	Round bar dowel Ø32 x 450	450	1000	10	125
RDC32-450-75	75				10	150
RDC32-450-88	88				10	175
RDC32-450-100	100				10	200
RDC32-450-113	113				10	225
RDC32-450-125	125				10	250

**Resistances:**

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Please refer to Technical Manual.