

TECHNICAL DATA SHEET - CONCRETE CURING CABLE

DESCRIPTION

The concrete curing cable is used for speeding up the process of curing and drying of concrete surfaces. The curing cable accelerates the process and enables a faster dismantle of formwork.

The concrete curing cable is specially design for concrete curing and is equipped with a connection cable and is of a 2-conductor type which means that you can quickly and easily extend the cable.



RANGE OF ARTICLES

Item.nr	Name	Length	Output	Recommended fuse	Connection	FRP	Enhet
1424001	Concrete Curing Cable 3,3M Plug	3,3M	130W	10A/2300W	Plug	50	PCS
1424002	Concrete Curing Cable 10M Plug	10M	380W	10A/2300W	Plug	85	PCS
1424003	Concrete Curing Cable 20M Plug	20M	735W	10A/2300W	Plug	60	PCS
1424004	Concrete Curing Cable 35M Plug	35M	1400W	10A/2300W	Plug	40	PCS
1424007	Concrete Curing Cable 55 M Plug	55M	2200W	10A/2200W	Plug	30	PCS
1424005	Concrete Curing Cable 85M Plug	85M	3500W	16A/3600W	Plug	48	PCS
1424006*	Concrete Curing Cable 85M CEE	85M	3500W	16A/3600W	CEE	-	PCS

*=Not on stock.

C/C-MEASUREMENTS SLAB

Cable	85M		35M		20M		10M	
Output (W/²)	Area (m²)	C/C	Area (m²)	C/C	Area (m²)	C/C	Area (m²)	C/C
150	23	27 cm	9	27 cm	5	25 cm	2,5	25 cm
120	29	34 cm	12	34 cm	6	30 cm	3,2	32 cm
100	35	41 cm	14	40 cm	7	35 cm	3,8	38 cm
90	39	46 cm	16	46 cm	8	40 cm	4,2	42 cm

OUTPUT FOR WALL & HORIZONTAL FORMWORK

Output	75 W/m²	100 W/m²	150 W/m²	200 W/m²
C/C	50 cm	38 cm	25 cm	20 cm
Formwork/Isolation	Temp	Temp	Temp	Temp
12mm wood+iso	-7°C		-15°C	
Wood w/o iso.				
Steel + 50mm iso.		-7°C		-15°C
Steel + bad iso.			-7°C	-10°C
Steel w/o iso.				-8°C

Outdoor temp.	Output
0° C to -5° C	90W/m²
-5° C to -10° C	120W/m²
-10° C to -15° C	150W/m²

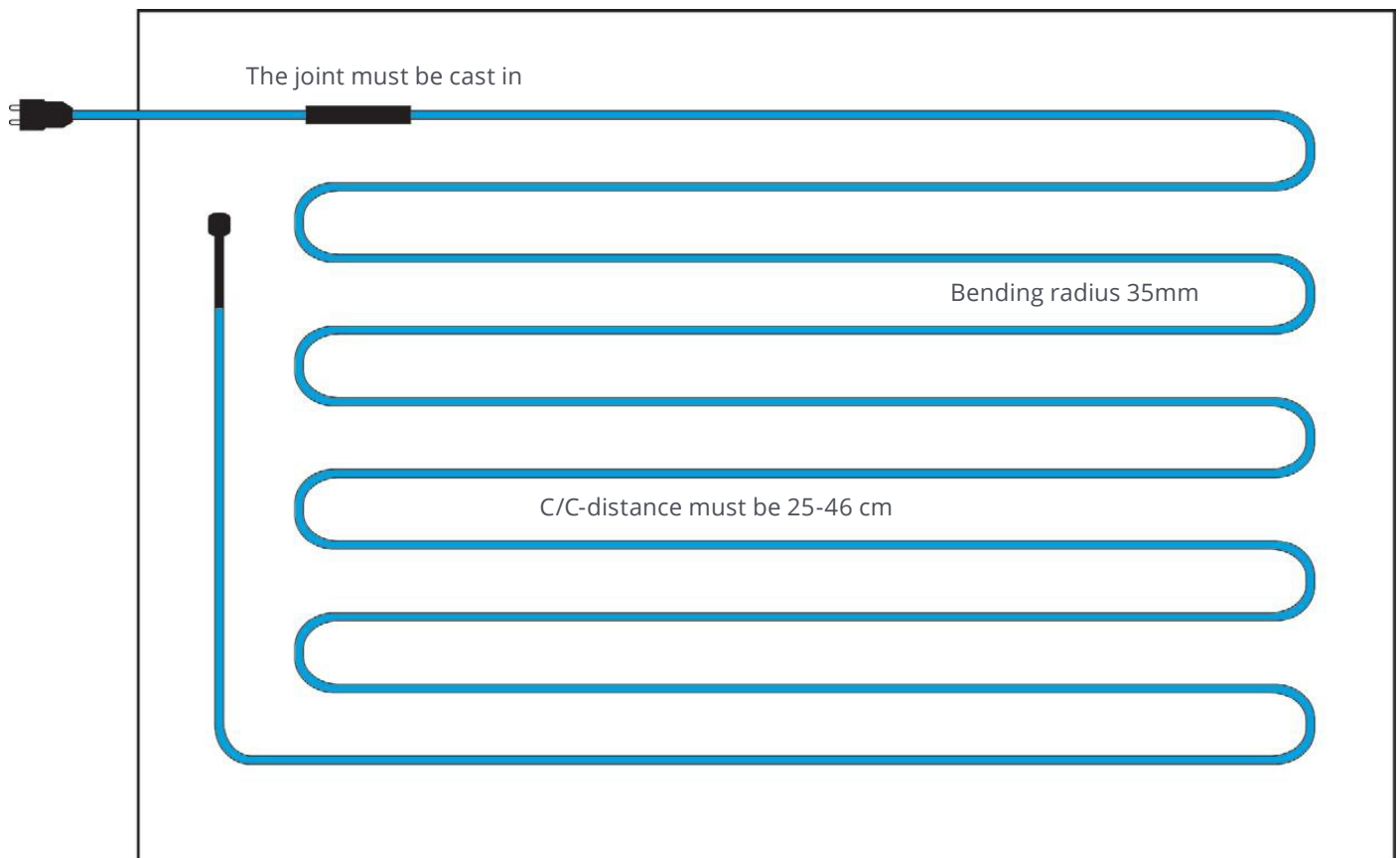
These calculations for concrete curing cables in walls and horizontal formwork are based on cooling effects from both sides and low wind strenght. With stronger winds, the power requirement increases. In the case of concrete slabs, the power requirement is lower as there is only cooling from one direction.

We reserve the right for printing errors and refer to the fact that the current version of the information is always available at www.hydratec.se or can be requested by contacting our office. Current version number is in the upper left corner.

TECHNICAL DATA SHEET - CONCRETE CURING CABLE

INSTALLATION GUIDELINES FOR CONCRETE CURING CABLES

1. Store the cable in a somewhat heated/warm area before usage, this will make the installation easier.
2. Fixate the cable with a plastic-coated rebar wire to the lower edge reinforcement.
3. Make sure that the cable is NOT crossed, the loops of the cable should not come closer than 15 cm to each other.
4. WATCH OUT! The cable must not come into contact with insulating material such as mineral wool, EPS, XPS or anything like it.
5. The entire cable must be cast in, including the joint against the "cold" cable.
6. The cable is out into operation immediately after casting.



We reserve the right for printing errors and refer to the fact that the current version of the information is always available at www.hydratec.se or can be requested by contacting our office. Current version number is in the upper left corner.