

Heat ConCure 70-40

Concrete Curing Cable

During cold periods the concrete curing process is facilitated by heat-transmission. To this end a concrete curing cable of 40 W per running meter is used. The effect need for concrete curing is up to 400 watt per cubic meter. The concrete curing cable should be installed and controlled with consideration for the current conditions.

Min. 5 °C cable temperature during installation



IEC 309

Technical Data



Voltage	230 V ~ 50 Hz
Cable diameter	Ø7 mm
Insulation inner sheath	Teflon, FEP
Cable buildup	2 conductors + ground shield
Ground shield	Tinned copper
Outer sheath	PVC
Max. temp. on cable	90 °C
Building height	min. 30 mm
Authorisation	CE, VDE (heating cable)
Standard	EN60800
Resistance tolerance	- 5 % / +10 %
Length tolerance	+/- 2 %

Heat Concure 70-40 Schuko plug

Item no.	Type	Description	Plug	Power	Current	Resistance
34177218	HC70E040-0730	Concrete Curing 40W/m 18.0 m	Schuko	730 W	3.2 A	72.6 Ω
34177222	HC70E040-0890	Concrete Curing 40W/m 22.5 m	Schuko	890 W	3.9 A	59.3 Ω
34177230	HC70E040-1170	Concrete Curing 40W/m 30.0 m	Schuko	1170 W	5.1 A	45.2 Ω
34177236	HC70E040-1420	Concrete Curing 40W/m 36.0 m	Schuko	1420 W	6.2 A	37.3 Ω
34177244	HC70E040-1760	Concrete Curing 40W/m 44.0 m	Schuko	1760 W	7.6 A	30.1 Ω
34177250	HC70E040-1910	Concrete Curing 40W/m 50.0 m	Schuko	1910 W	8.3 A	27.8 Ω
34177263	HC70E040-2430	Concrete Curing 40W/m 63.0 m	Schuko	2430 W	10.6 A	21.8 Ω
34177275	HC70E040-3000	Concrete Curing 40W/m 75.0 m	Schuko	3000 W	13.0 A	17.6 Ω
34177286	HC70E040-3490	Concrete Curing 40W/m 86.5 m	Schuko	3490 W	15.2 A	15.1 Ω
34177307	HC70E040-4300	Concrete Curing 40W/m 107.0 m	Schuko	4300 W	18.7 A	12.3 Ω

Heat Concure 70-40 IEC309 plug

Item no.	Type	Description	Plug	Power	Current	Resistance
34177018	HC70E040-0730	Concrete Curing 40W/m 18.0 m	IEC309	730 W	3.2 A	72.6 Ω
34177022	HC70E040-0890	Concrete Curing 40W/m 22.5 m	IEC309	890 W	3.9 A	59.3 Ω
34177030	HC70E040-1170	Concrete Curing 40W/m 30.0 m	IEC309	1170 W	5.1 A	45.2 Ω
34177036	HC70E040-1420	Concrete Curing 40W/m 36.0 m	IEC309	1420 W	6.2 A	37.3 Ω
34177044	HC70E040-1760	Concrete Curing 40W/m 44.0 m	IEC309	1760 W	7.6 A	30.1 Ω
34177050	HC70E040-1910	Concrete Curing 40W/m 50.0 m	IEC309	1910 W	8.3 A	27.8 Ω
34177063	HC70E040-2430	Concrete Curing 40W/m 63.0 m	IEC309	2430 W	10.6 A	21.8 Ω
34177075	HC70E040-3000	Concrete Curing 40W/m 75.0 m	IEC309	3000 W	13.0 A	17.6 Ω
34177086	HC70E040-3490	Concrete Curing 40W/m 86.5 m	IEC309	3490 W	15.2 A	15.1 Ω
34177107	HC70E040-4300	Concrete Curing 40W/m 107.0 m	IEC309	4300 W	18.7 A	12.3 Ω