

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
51191018	HC70E040-0730	Concrete Curing 40W/m 18.0 m	Schuko	730 W	3.2 A	72.6 Ω
51191022	HC70E040-0890	Concrete Curing 40W/m 22.5 m	Schuko	890 W	3.9 A	59.3 Ω
51191030	HC70E040-1170	Concrete Curing 40W/m 30.0 m	Schuko	1170 W	5.1 A	45.2 Ω
51191036	HC70E040-1420	Concrete Curing 40W/m 36.0 m	Schuko	1420 W	6.2 A	37.3 Ω
51191044	HC70E040-1760	Concrete Curing 40W/m 44.0 m	Schuko	1760 W	7.6 A	30.1 Ω
51191050	HC70E040-1910	Concrete Curing 40W/m 50.0 m	Schuko	1910 W	8.3 A	27.8 Ω
51191063	HC70E040-2430	Concrete Curing 40W/m 63.0 m	Schuko	2430 W	10.6 A	21.8 Ω
51191075	HC70E040-3000	Concrete Curing 40W/m 75.0 m	Schuko	3000 W	13.0 A	17.6 Ω
51191086	HC70E040-3490	Concrete Curing 40W/m 86.5 m	Schuko	3490 W	15.2 A	15.1 Ω
51191107	HC70E040-4300	Concrete Curing 40W/m 107.0 m	Schuko	4300 W	18.7 A	12.3 Ω

Heat Concure 70-40 DK plug

Item no.	Type	Description	Plug	Power	Current	Resistance
51192018	HC70E040-0730	Concrete Curing 40W/m 18.0 m	DK	730 W	3.2 A	72.6 Ω
51192022	HC70E040-0890	Concrete Curing 40W/m 22.5 m	DK	890 W	3.9 A	59.3 Ω
51192030	HC70E040-1170	Concrete Curing 40W/m 30.0 m	DK	1170 W	5.1 A	45.2 Ω
51192036	HC70E040-1420	Concrete Curing 40W/m 36.0 m	DK	1420 W	6.2 A	37.3 Ω
51192044	HC70E040-1760	Concrete Curing 40W/m 44.0 m	DK	1760 W	7.6 A	30.1 Ω
51192050	HC70E040-1910	Concrete Curing 40W/m 50.0 m	DK	1910 W	8.3 A	27.8 Ω
51192063	HC70E040-2430	Concrete Curing 40W/m 63.0 m	DK	2430 W	10.6 A	21.8 Ω
51192075	HC70E040-3000	Concrete Curing 40W/m 75.0 m	DK	3000 W	13.0 A	17.6 Ω
51192086	HC70E040-3490	Concrete Curing 40W/m 86.5 m	DK	3490 W	15.2 A	15.1 Ω
51192107	HC70E040-4300	Concrete Curing 40W/m 107.0 m	DK	4300 W	18.7 A	12.3 Ω

Heat Concure 70-40 IEC309 plug

Item no.	Type	Description	Plug	Power	Current	Resistance
51193018	HC70E040-0730	Concrete Curing 40W/m 18.0 m	IEC309	730 W	3.2 A	72.6 Ω
51193022	HC70E040-0890	Concrete Curing 40W/m 22.5 m	IEC309	890 W	3.9 A	59.3 Ω
51193030	HC70E040-1170	Concrete Curing 40W/m 30.0 m	IEC309	1170 W	5.1 A	45.2 Ω
51193036	HC70E040-1420	Concrete Curing 40W/m 36.0 m	IEC309	1420 W	6.2 A	37.3 Ω
51193044	HC70E040-1760	Concrete Curing 40W/m 44.0 m	IEC309	1760 W	7.6 A	30.1 Ω
51193050	HC70E040-1910	Concrete Curing 40W/m 50.0 m	IEC309	1910 W	8.3 A	27.8 Ω
51193063	HC70E040-2430	Concrete Curing 40W/m 63.0 m	IEC309	2430 W	10.6 A	21.8 Ω
51193075	HC70E040-3000	Concrete Curing 40W/m 75.0 m	IEC309	3000 W	13.0 A	17.6 Ω
51193086	HC70E040-3490	Concrete Curing 40W/m 86.5 m	IEC309	3490 W	15.2 A	15.1 Ω
51193107	HC70E040-4300	Concrete Curing 40W/m 107.0 m	IEC309	4300 W	18.7 A	12.3 Ω