



CONTOPP®

Cement Screed Technology

Minimum screed thicknesses

using CONTOPP® cement screed additives:

CONTOPP® Product	Mix ¹⁾	Bending strength ²⁾	Bonded ³⁾	Unbonded	Floating	On underfloor heating ⁴⁾
Accelerator 10	1 : 4	4 N/mm ²	Standard: ⁵⁾ 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Accelerator 15	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Accelerator 20	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Accelerator 10 Compound	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Accelerator 15 Compound	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Accelerator 20 Compound	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Effloor H5	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Fibercompound Pro SL-1C	1 : 4	4 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 40 mm Heavy duty: 65 mm	Standard: 45 mm Heavy duty: 65 mm
Duremit PB	1 : 4	5 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 40 mm Heavy duty: 40 mm	Standard: 35 mm Heavy duty: 55 mm	Standard: 45 mm Heavy duty: 60 mm
Duremit 50	1 : 4	7 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 30 mm Heavy duty: 30 mm	Standard: 30 mm Heavy duty: 50 mm	Standard: 40 mm Heavy duty: 55 mm
Hardening agent 35	1 : 4	7 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 30 mm Heavy duty: 30 mm	Standard: 30 mm Heavy duty: 50 mm	Standard: 40 mm Heavy duty: 55 mm
Hardening agent 40	1 : 4	7 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 30 mm Heavy duty: 30 mm	Standard: 30 mm Heavy duty: 50 mm	Standard: 40 mm Heavy duty: 55 mm
Fibercompound Duremit	1 : 4	7 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 30 mm Heavy duty: 30 mm	Standard: 30 mm Heavy duty: 50 mm	Standard: 40 mm Heavy duty: 55 mm
Fibercompound Duremit hydro	1 : 4	7 N/mm ²	Standard: 20 mm Heavy duty: 20 mm	Standard: 30 mm Heavy duty: 30 mm	Standard: 30 mm Heavy duty: 50 mm	Standard: 40 mm Heavy duty: 55 mm

¹⁾ Mix design by parts of volume between cement : sand according BS 4721. Dosage and mixing model according to respective technical data sheet.

²⁾ Differing flex. bending strengths than the aforementioned lead to different screed thicknesses. Nevertheless the minimum tolerable screed thickness is 30 mm (unbonded and floating).

³⁾ Production limitations lead to a minimum thickness of times 3 of Ø of max. grain size.

⁴⁾ In the case of screeds on underfloor heating, the given thickness respects to thickness above the pipes.

⁵⁾ Working load: Standard < 2.0 kN/m²; Heavy duty: < 3.5 kN/m²