

## Description

The table below shows the minimum thicknesses of screeds modified with products from Bondera Chemicals for the following achieved screed strength class:

# C20/25-F4

Depending on the strength class achieved (compressive and flexural strength specified in N/mm<sup>2</sup>) and the screed load to be carried (specified in kN/m<sup>2</sup> for area loading and kN for point loading), the minimum thicknesses are specified in mm for each individual case.

	Residential		Commercial		Industrial	
Area loading	2 kN/m <sup>2</sup>	3 kN/m <sup>2</sup>	4 kN/m <sup>2</sup>	5 kN/m <sup>2</sup>	7 kN/m <sup>2</sup>	10 kN/m <sup>2</sup>
Point loading	1 kN	2 kN	3 kN	4 kN	6 kN	8 kN
Bonded	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm
Unbonded	45 mm	65 mm	70 mm	75 mm	n/s	n/s
Floating						
Underfloor heating						

## Important notes

- The minimum screed thicknesses in this specific loading information table refer to a compressive strength of 20-25 N/mm<sup>2</sup> (C20/25) and a flexural strength of 4 N/mm<sup>2</sup> (F4), achieved with an admixture design using Bondera Chemicals products.
- The minimum screed thicknesses refer to a maximum insulation layer thickness of 80 mm.
- The compressibility of the insulation must not exceed 2 mm.
- In case of underfloor heating: minimum screed thickness above the pipe (pipe coverage).
- Further loading information for different strength classes and detailed application instructions are available upon request.
- Admixture designs to achieve certain strength classes are shown in the respective product data sheets or are available on request.