Description

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

C40-F6

Depending on the strength class achieved (compressive and flexural strength specified in N/mm²) and the screed load to be carried (specified in kN/m² 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/m²**	**3 kN/m²**	**4 kN/m²**	**5 kN/m²**	**7 kN/m²**	**10 kN/m²**
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	35 mm	35 mm	40 mm	45 mm	70 mm	85 mm
Floating						
Underfloor heating						

Important notes

- The minimum screed thicknesses in this specific loading information table refer to a compressive strength of 40 N/mm² (C40) and a flexural strength of 6 N/mm² (F6), 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.