Description

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

CT-C20-F4

Depending on the strength class achieved (compressive and flexural strength specified in N/mm²) and the surface load to be carried (specified in kN/m²) by the screed, the minimum thicknesses are specified in mm for each individual surface load case.

	Residential		Commercial		Industrial	
Surface loads	**2 kN/m²**	**3 kN/m²**	**4 kN/m²**	**5 kN/m²**	**7 kN/m²**	**10 kN/m²**
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 surface loads information table refer to a compressive strength of 20 N/mm² (C20) and a flexural strength of 4 N/mm² (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.
- Further surface loads 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.