

## Description

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

# CT-C30-F5

Depending on the strength class achieved (compressive and flexural strength specified in  $\text{N/mm}^2$ ) and the surface load to be carried (specified in  $\text{kN/m}^2$ ) by the screed, the minimum thicknesses are specified in mm for each individual surface load case.

	Residential		Commercial		Industrial	
Surface loads	2 $\text{kN/m}^2$	3 $\text{kN/m}^2$	4 $\text{kN/m}^2$	5 $\text{kN/m}^2$	7 $\text{kN/m}^2$	10 $\text{kN/m}^2$
Bonded	25 mm					
Unbonded	35 mm	45 mm	50 mm	55 mm	75 mm	90 mm
Floating						
Underfloor heating						

## Important notes

- The minimum screed thicknesses in this specific surface loads information table refer to a compressive strength of  $30 \text{ N/mm}^2$  (C30) and a flexural strength of  $5 \text{ N/mm}^2$  (F5), 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.