DESCRIPTION

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

CT-C20-F4

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

SURFACE LOAD	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	k/A	k/A
Floating	45 mm	65 mm	70 mm	75 mm	k/A	k/A
On underfloor heating	45 mm	65 mm	70 mm	75 mm	k/A	k/A

IMPORTANT NOTES

- The minimum nominal screed thicknesses and surface loads in this specific load case table refer to a compressive strength of 20 N/mm² (C20) and a flexural strength of 4 N/mm² (F4).
- The minimum nominal screed thicknesses refer to a maximum insulation layer thickness of 80 mm.
- The compressibility of the insulation must not exceed 2 mm.
- No fibre/steel reinforcement is needed.
- In case of underfloor heating: minimum nominal screed thickness above the pipe.
- Further surface load cases and detailed application instructions are available upon request.
- Mix designs to achieve certain strength classes are shown in the respective product data sheets or are available on request.