

# Gypsol TS-20

Gypsol TS-20 is a unique screed, designed to be placed at a depth of just 20mm in either bonded or unbonded applications.

## About Gypsol TS-20

Gypsol TS-20 is a specially formulated screed, designed to offer a strong and durable thin topping to a solid interior substrate; for example, in situ concrete or beam and block or precast concrete planks.

### Physical data

Appearance	Off white fluid mortar
Density (kg/m <sup>3</sup> )	Wet - 2200 Dry - 2000
Minimum strength	C30- F5
Required flow (EN 13454-2)	230 - 270mm
Reaction to fire	Class A1 <sub>fl</sub> Non-Combustible

### Performance data

Working time	Place and finish within 2 hours of batching Finish within 1 hour of placing
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Foot traffic	24-48 hours
Loading	5-7 days
Drying (@20°C / 60% RH)	In excess of 1mm per day

Force drying	Can be force dried in 7 days
Minimum depth	20mm

*Gypsol TS 20 has been independently tested for suitability to be laid unbonded at 20mm depth by Aston Services Ltd.*

*For bonded screed, prepare the substrate in accordance with BS8204:7:2003 using a gritted two coat epoxy resin DPM or similar.*

## Bay sizes and joint requirements

Maximum length	20m
Maximum aspect ratio	8:1
Maximum bay size	500m <sup>2</sup>

*Movement joints should be placed at door thresholds, between independently controlled heating zones and where heated and unheated screeds meet.*

## Environmental data

Typical embodied CO <sup>2</sup>	35kg/m <sup>3</sup>
Recyclability	100%
VOC	Virtually zero

*LKAB Minerals Ltd are not screed manufacturers. The chemical and physical data are expected average figures and are given in good faith but without guarantee. The only warranty LKAB Minerals makes is the express written warranty extended on the sale of its products. For manufacturer specific data please contact your Gypsol screed supplier. Gypsol screeds should be installed in accordance with BS 8204-7:2003 by suitably trained and experienced installers. Gypsol TS-20 Data Sheet, 08-01 EN, 22-03*