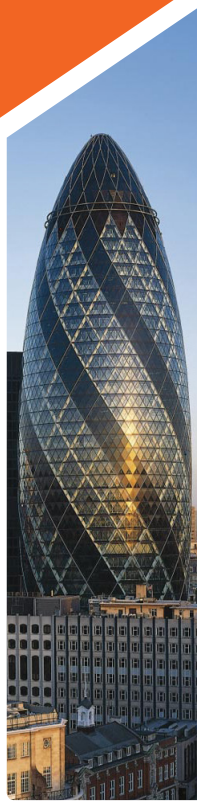
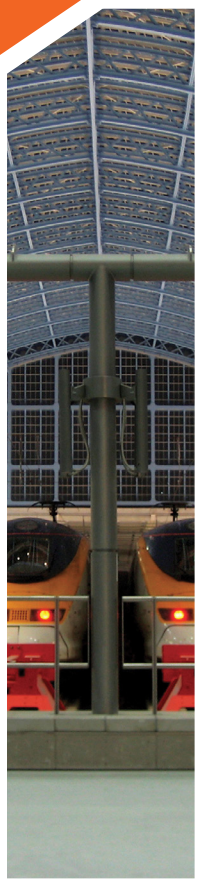
LYTAG™
lightweight solutions

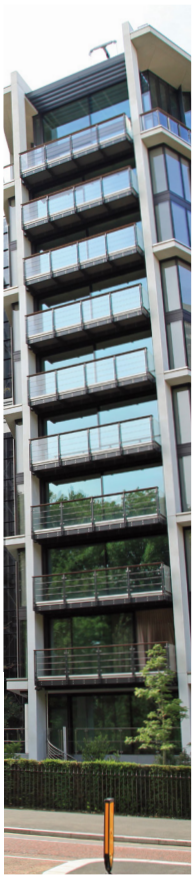
SCREED

LytaScreed™ Base

Fast dry, lightweight, environmentally friendly floor screed for use with non-sensitive floor coverings in residential, commercial and civil projects.







- LytaScreed Base can allow flooring to be placed in as little as 72 hours
- Lytag™ aggregate can reduce the weight of a screed by up to 50%
- Lytag is a secondary aggregate saving natural resources

- Suitable for new build or refurbishments
- Foot traffic within 24 hours
- 80% thermal improvement
- Acoustic benefits over traditional
- No upper limit on thickness
- Building can be open during install
- Can be used internally and externally
- Productivity 150m²-300m² per day
- Unlimited bays, no jointing required
- No surface keying required

Description

LytaScreed Base is one of the most versatile screed products available to the UK market. Used extensively within the iconic buildings above providing key design benefits throughout.

LytaScreed Base is comprised of cement bound Lytag 4/8mm lightweight aggregate, creating a semi-dry floor screed that is suitable for non-sensitive floor coverings in as little as 72 hours, and is up to 50% lighter than traditional screeding methods.

LytaScreed Base requires the final floor coverings to be over 14mm thick.

Other notable projects include
London City Hall, Heathrow T5, Intercontinental Hotel, Tottenham FC, National History Museum, Chelsea FC

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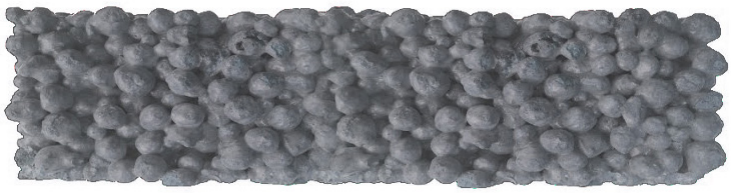
Lytag LytaScreed Base vs Alternatives

Product characteristics	Lytag LytaScreed Base	Traditional Sand Cement 4:1	Modified Sand Cement 4:1	Flowing Anhydrite
Installed density	1180kg/m³	2000kg/m³	2000-2100kg/m³	2200-2250kg/m³
Thermal conductivity	0.4W/mK	1.1-1.4W/mK	1.1-1.4W/mK	2.0-2.5W/mK
Maximum depth	Unlimited	100mm	100mm	60mm
External use	Yes	Yes	Yes	No
Environmental	Yes	No	No	Yes
Minimum depth	40mm	40mm	20mm	25mm
Minimum depth drying time	3 days	47 days	13 days	25 days
Installation productivity	150-300m²/day	100-150m²/day	100-150m²/day	1000-2000m²/day

LytaScreed Base



LytaScreed Base Application Thickness Table

	Minimum thickness	Weight per m²
Bonded	40mm*	47kg
Unbonded	75mm*	88kg
Floating	75mm*	88kg

*Up to 50% reduction in weight per square meter.

Shrinkage

The drying shrinking of LytaScreed is 0.04% eliminating the need of laying in bays.

Thermal conductivity

The equivalent 'k' value of LytaScreed is 0.4W/mK.

Fire resistance

Lytag is refractory material. This is central in its Class 1 fire resistance rating.

Sound insulation

LytaScreed reduces airborne sound by 3dB at low frequency and 6dB at high frequency.

Site storage

Lytag aggregate is inert, unaffected by frost and can be stored uncovered externally.

Reinforcement

No reinforcement mesh required for any application method.

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