

# ARC-LIGHT LT-33

**DESCRIPTION:** The Arc-Light range of tile adhesives is specially engineered using lightweight fillers and special additives to give advanced non-slip properties and higher yield & coverage than traditional adhesives. Lighter than traditional sand based adhesives, it provides easy mixing, excellent workability, no slump or shrinkage whilst maintaining optimum strength and flexibility. The range is suitable for both walls and floors, for interior and exterior applications and can be applied to a thickness of up to 15mm. Due to it's high deformation capability it will accommodate changes in temperature and the subsequent movement of the substrate and is ideal for areas of heavy loading. Suitable for repairing and leveling uneven wall and floor surfaces prior to laying tiles.

**Arc LT-33** can be used for fixing all tile types including ceramic, porcelain, natural stone, marble, mosaic, glass, non-vitrified, vitrified and fully vitrified tiles. Suitable substrates include cement & anhydrite screeds, concrete, gypsum plaster, old tile coverings, plaster & fibre boards, render, brick & block work, secure and properly prepared wooden surfaces & PVC coverings and underfloor heating applications.

**Versatile:** 1 bag does all. Suitable for virtually all tile types and substrates

**Highly Effective:** Outstanding Flexibility and long term strength. Out performs BS EN 12004 Type C2TES1.

**Greater Coverage:** A 15kg bag of LT-33 gives the same coverage as 25kg of traditional adhesive.

**Ecological:** Higher yield per Kilogram, less packaging and formulated using specially engineered recycled materials.

**Multi-Functional/ Flexible** - Suitable for use with properly prepared timber floors and underfloor heating applications. **High Build** - Up to 15mm thick and can be used to level and repair uneven and damaged wall and floor surfaces.

**Workability:** Outstanding workability, mixing and clean up with no slump or shrinkage.

**Innovative:** Developed and manufactured in Ireland

## SURFACE PREPARATION

All substrates must be clean, firm and free of dust, dirt, oil, grease and loose flaking coatings. Surfaces must also be structurally sound and strong enough to support the traffic loading expected. Worn or porous masonry surfaces should be sealed with Arc Tilers Primer. Composite panel boards should be dry, sealed on all exposed faces and edges and primed using Arc Tilers Primer. Plywood and composite boards must always be waterproof rated. 15mm thick screw fixed at 150mm centres and rigidly braced to provide a dimensionally stable background as described in BS 5385.

Gypsum plaster should be primed with 2 coats of neat Arc Tilers Primer. New concrete floors should be allowed 28 days to fully cure. Do not allow any tiled area to be water immersed for 14 days after fixing. Underfloor heating areas should be turned off 48 hours prior to laying product, and for 1 week after the work has been completed. The temperature should be increased gradually (5°C per day) until the desired temperature is achieved. Anhydrite Screeds must be sealed with 2 coats of neat Arc Tilers Primer. Contact our Technical Department for a specification if in doubt.

## RAPID SETTING LT-33

Coverage:	Using a 6mm notch trowel, 15kg will cover approximately 9 m <sup>2</sup> when mixed with 8.5 litres of water.
Open Time:	30-40 minutes
Set Time:	2-3 hours
Colour:	Brilliant White
Conforms To:	BS EN 12004 Type C2F51
Tiles:	Ceramic, Porcelain, Marble, Travertine, Natural Stone, Glass, Slate, Fully Vitrified Tiles etc.
Substrates:	Timber Panels, Plywood, Concrete, Sand/Cement Screeds, Composite Boards, Underfloor Heating, Swimming Pools, Plaster, Tile on Tile etc.

## SLOW SETTING LT-33

Coverage:	Using a 6mm notch trowel, 15kg will cover approximately 9 m <sup>2</sup> when mixed with 8.5 litres of water.
Open Time:	40-60 minutes
Set Time:	24 hours
Colour:	Brilliant White
Conforms To:	BS EN 12004 Type C2FES1
Tiles:	Ceramic, Porcelain, Marble, Travertine, Natural Stone, Glass, Slate, Fully Vitrified Tiles etc.
Substrates:	Timber Panels, Plywood, Concrete, Sand/Cement Screeds, Composite Boards, Underfloor Heating, Swimming Pools, Plaster, Tile on Tile etc.

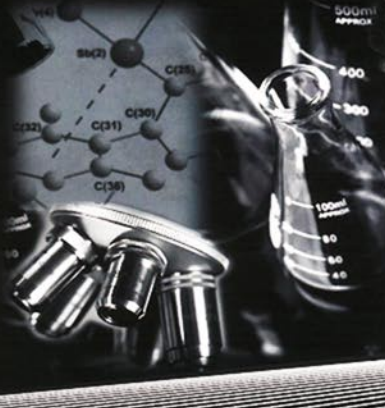


Note: All figures are approximate and are subject to temperatures and site conditions



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# ARC-LIGHT TILE ADHESIVE ADVANCED LIGHTWEIGHT TECHNOLOGY LT-33



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