

AIRE flo-screed

LIQUID FLOOR SCREED

www.aireflo-screed.co.uk

0800 061 4455

Why Choose Aire flo-screed??



The 3 in 1 Mobile Screed Factory - Throughout YORKSHIRE

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1 - Mix on site

Every mix is fresh and quality checked

Never under or over order again

2 - Integral Pump with 150metre delivery hose

No more standing time charges waiting for Drum mixers

Delivers the screed to exactly where you need.

3 - Skilled screed layers available to lay your screed

Our Approved screeders will install the screed.

- Anhydrite self-levelling Flowing Floor screed
- From 1m³ -12m³ in one delivery
- Minimum Thickness 25mm bonded / 35mm floating
- Ideal for laying over underfloor heating

With AIREflo-screed you can expect the same high levels of service and Quality that you already receive from AIREconcrete.

Call us now on 0800 061 4455

Free site survey, See below to find out why you should choose Aire flo-screed.

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It is useful to compare **Aireflo-screed** with traditional screed in the market. This table helps to ensure that you are selecting **Aireflo-screed** for sound commercial and technical reasons.

Consideration	<u>Aireflo-screed</u>	<u>1:4 Sand & Cement Screed</u>
Productivity Quality	Up to 2000m ² per day BS EN 13454 BS EN 13813 BS EN 8204:7:2003	Typically 100 to 150m ² per day Often site-mixed with poor and erratic quality control No specific manufacturing standard if site mixed.
Traffic	No curing required Can be walked on after 24—48 hours Can be loaded after 7 days	Should be cured under polythene for 7 days Foot traffic after 7 days Can be loaded after 28 days
Health & Safety	Little manual handling Ergonomically advantageous Installation Reduced risk of burns & dermatitis Self compacting	High level of manual handling lifting and twisting High level of joint wear and tear for installers Portland cement can lead to burns and dermatitis Requires thorough compaction
Cost	Lower material costs High productivity Most installations will offer cost and time savings	Higher material cost Low productivity
Installation	By trained and approved installers	By anyone, regardless of skill level or training
Floating on Insulation	Minimum depth 35mm (see technical data sheet) Requires no reinforcement	Minimum depth 65mm D49 mesh or PP fibres required
Un-bonded Construction	Minimum depth 30mm Requires no reinforcement	Minimum depth 50mm D49 mesh or PP fibres required
Bonded construction	Minimum 25mm	Minimum 40mm
Surface Finish	Easily achieves SR2 Can achieve SR1 with care (less need for smoothing compounds) Does not curl and resistant to cracking Requires few joints	Dependent on installing contractor Shrinks, cracks and curls Requires many joints

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1:4 Sand & Cement Screed

Drying Rate

1mm per day up to first.
40mm in excess of 1mm per day. See relevant product data sheets
Can be force dried as early as 7 (dependent on site conditions days)

1mm per day (1 week curing + 11 weeks drying at 75mm)
Cannot be force dried

Environmental

Low CO2 emissions
Reduced materials so reduced embodied energy
High recycled content

High CO2 emissions
Higher embodied energy

Underfloor Heating

Thinner screed allows:
Thicker Insulation

Greater thermal lag up to 8 hours heat up time

Reduced cover to heating pipes means reduced thermal lag and rapid response times
Self compacting and full pipe encapsulation, so void free
Thicker screed means:
Thicker floor section

Difficult to compact under pipes leading to voids

Uses

Available for use in all construction types including timber frame, lightweight steel frame, traditional masonry, modular construction, concrete and steel frame

Only available for limited construction types

Acoustics

80kg/m2 at just 40mm
Uniform density across floor section
Few joints

Minimum 65mm required in most systems
Variable density leads to non uniform performance
Many joints lead to sound transmission pathways

**As Always If You Have Any Questions
Please Call 0800 061 4455**

Thanks to Francis Flowers for their assistance with creating this document.

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