

Technical

S. Morris Screeds are manufactured to the requirements of BS EN 13813 and under ISO 9001 Quality Management System. Regularly tested to the latest British Standards

Materials used comply with the following standards:

Sand	BS EN 12620/ BS EN 13139
Cement	BS EN 197-1
Admixtures	BS EN 934-2

S. Morris Screeds should be used in accordance with the recommendations laid down in BS 8204-1.

To allow for a full working day, all S. Morris Screeds are set retarded for 8 hours.

Classification

BS EN 13813 Compressive Strength Class	BS EN 13813 Flexural Strength Class	Traditional Proportions
C30	F3	1:3
C20	F2	1:4
C16	F1	1:5

Further mixes are available on request.

Fire Protection

All S. Morris are non-combustible as defined by the relevant standards EN 13501-1.

Preparation

The adequacy of the bond of the levelling screed to the base should be considered in relation to the flooring to be applied.

Ensure the base substrate clean. Sweep to remove any loose material. A bonding agent should be applied prior to the screed being laid

Application

Bonded Construction Minimum Thickness 40mm

Unbonded Construction Minimum Thickness 50mm

Floating Construction Minimum Thickness 75mm

Delivery and Storage

Ensure a suitable area is available for unloading prior to the vehicle arriving.

Screed should be tipped onto a clean, impermeable board or sheet. Use additional sheeting to protect from the elements.

Curing

The levelling Screed should be prevented from drying for at least 7 days after laying by covering with a suitable impervious membrane, preferably waterproof sheeting. This period enables the service to hydrate and harden sufficiently prior to drying. Once the period for curing the surface has elapsed, all sheeting should be removed to enable the levelling screed to dry normally.

Weather

Cold weather- if laying is to proceed during cold weather, measures should be taken to ensure the surface temperature of the laid screed are maintained above 5°C. Both during construction and 4-5 days after laying.

Hot or Drying Weather - In hot or drying weather, care should be taken that the screed materials do not stiffen or dry out to an extent that prevents through compaction. After compaction and finishing, the surface should not be allowed to dry out quickly. This can be achieved by protection with plastic sheeting or other suitable means

Wet Weather – If protection is not provided by the structure, the freshly placed screed material should be covered to prevent damage to the surface by rain.

Drying times

With S. Morris Screeds, one day should be allowed for each millimeter of thickness for the first 50mm, followed by an increasing time for each millimeter above this thickness. It is therefore reasonable to expect a levelling screed 50mm thick, drying under good conditions, to be sufficiently dry in about 2 months.

Protection of the Surface

S. Morris screeds are not designed as wearing surface; therefore, their surfaces should be given adequate protection against damage or wear during subsequent building operations and until the flooring is laid.

Health and Safety

Please consult our safety data sheet for full details.

S. Morris Ltd

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