CEMEX Readymix produce an extensive range of high quality, ready to use screed products, covering a wide variety of applications including traditional and flowing methods. All of our products are designed with the final surface finish in mind and are tailored to meet the specific needs of our customers.

About CEMEX
CEMEX is a growing global building materials company pursuing innovation through sustainability, promoting a sustainable future. Annual sales in over 50 countries exceed US$15 billion. The company is one of the world’s leading suppliers of ready-mixed concrete, one of the largest manufacturers of aggregates, and among the world’s top makers of cement, employing over 50,000 people worldwide.

In the UK, CEMEX is a leading provider of ready mix concrete, aggregates, render, cement and asphalt. CEMEX UK also has a significant share of the roof tile, concrete block and prefabricated block market, and is the leading supplier of concrete sleepers to the rail industry.

For more information contact our Screed Helpline
Tel: 0800 667 827
E-mail: gb-enquiries@cemex.com

Or visit our website at www.cemex.co.uk/screed
Introduction
ReadyScreed® produces a range of self-leveling mortars to meet individual site requirements and specific performance characteristics. These screeds are designed for a specific time, generally 12 hours and then ready for use on working day. Materials supplied in this way provides rapid installation benefits in addition to original ReadyScreed. CMX’s also offers ReadyScreed® Strong, a high early strength, grey ReadyScreed®. ReadyScreed® Reinforced with added fibres is for use in reinforced slabs.

Composition
Readyscreed® screeds are composed of particles, crushed stone and selected aggregates together with a measured amount of water in accordance with suitable batching proportions. This mixture is then homogenized in a high speed mixer to ensure an accurately dispersed cement slurry is exterted against.

Durability
A significant advantage that self-leveling mortars are not generally sensitive to temperature and as such may be used year-round. This self-leveling mortar is designed for easy application on suitable surfaces and is suitable for use on site in any season or temperature, provided the correct surface preparation is in place.

Compatibility
Readyscreed® screeds are compatible with all normal construction materials.

Application thickness
The thickness of application specified is recommended for each type of construction. As shown in Table 1 below.

Yield
Table 2 below illustrates approximate prres per tonnes and per cubic ties for various application directions.

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
<th>Yield (m³/metric tonne)</th>
</tr>
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<tbody>
<tr>
<td>20</td>
<td>0.45</td>
</tr>
<tr>
<td>30</td>
<td>0.4</td>
</tr>
</tbody>
</table>

Table 1 – Application Thickness
Table 2 – Yield

Introduction
ReadyScreed® Original is a high performance, flooring screed. CMX developed the formulation of this material to meet the requirements of over site mixed Screeds in terms of accurate proportions, consistent properties, short setting times and high early strength. The ready mix approach allows for a substantial reduction in water content. This reduced water allows for a substantial reduction in water content. This reduced water allows for a substantial reduction in water content. This reduced water allows for a substantial reduction in water content.

High performance
ReadyScreed® Original exhibits excellent early strength characteristics when tested in accordance with BS 8204. As a ready to use material, Readyscreed® Original requires neither storage conditions of high temperature, which contains a measured amount of retarder. As moisture regulation, the moisture condition at the time of mixing is not critical. On the contrary, this material is suitable for use in conditions of low temperature and high humidity.

Curing times
We advise curing for at least the first 2 days. This can be achieved by covering with plastic sheeting or similar to good site practice recommendations, at normal temperatures.

Retardation
Normal retardation time is 12 hours from the time of initial set. The retardation time is subject to the presence of a retarder. This retarder is eliminated when the temperature is high humidity.

Surface preparation
The required surface preparation is in accordance with that for conventional screeds.

Surface protection
We advise curing for at least the first seven days. This can be achieved by covering with plastic sheeting or similar to good site practice recommendations, at normal temperatures.

Retardation
Normal retardation time is 12 hours from the time of initial set. This is subject to the presence of a retarder. The retarder is eliminated in conditions of high temperature.

Surface preparation
The required surface preparation is in accordance with that for conventional screeds.

Site preparation
Use of ReadyScreed® Early Strength should be in accordance with British Standard Code of Practice 8204. As ready made materials, ReadyScreed® Early Strength requires no on site mixing equipment and is ready for use.

Hardening & drying
Under normal conditions, ReadyScreed® Early Strength hardness can be expected to achieve 50% of its final strength after 2 hours. Further curing may be achieved within 12 hours. This is highly dependent on wind conditions, three times will be highly affected. ReadyScreed® Early Strength drying times can vary between 72 hours. Further curing can be achieved by increasing the moisture content.

Abrasiveness
High early strength ensures greater resistance to abrasion and impact during the early and final stages of curing. Typically, conventional floor screeds, during the early stages have suffered severe damage to the wearing surface and this has been observed using Building Research Establishment Screed Test Equipment as required by BS 8204.

Abrasion & Impact
High early strength ensures greater abrasion and impact resistance to abrasion and impact during the early and final stages of curing. Table 3 below illustrates abrasion performance by comparing Readyscreed® Early Strength to a conventional floor screed. Readyscreed® Early Strength demonstrates excellent abrasion and impact performance compared to a conventional floor screed.

Table 3 – Abrasion & Impact

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<th>Surface Preparation</th>
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Table 3 – Abrasion & Impact

Introduction
ReadyScreed® Early Strength is a high performance, flooring screed, which contains a measured amount of retarder. As a ready mix material, Readyscreed® Early Strength is ready for use on working day, with site mixed screeds. Additional flexibility means that it can be laid in thinner layers and is ideal for concrete backfill and floor levelling, with a significant reduction in water content. This reduced water allows for a substantial reduction in water content. This reduced water allows for a substantial reduction in water content. This reduced water allows for a substantial reduction in water content.

High performance
Readyscreed® Early Strength exhibits excellent workability when compared with traditional floor screeds. The properties of a lower moisture content can be directly derived from the material’s performance in this respect.

Curing times
We advise curing for at least the first 7 days. This can be achieved by covering with plastic sheeting or similar to good site practice recommendations, at normal temperatures.

Retardation
Normal retardation time is 12 hours from the time of initial set. This is subject to the presence of a retarder. The retarder is eliminated in conditions of high temperature.

Surface protection
The required surface protection is in accordance with that for conventional screeds.

Site preparation
Use of ReadyScreed® Early Strength should be in accordance with British Standard Code of Practice 8204. As ready made materials, ReadyScreed® Early Strength requires no on site mixing equipment and is ready for use.

Hardening & drying
Under normal conditions, ReadyScreed® Early Strength hardness can be expected to achieve 50% of its final strength after 2 hours. Further curing may be achieved within 12 hours. This is highly dependent on wind conditions, three times will be highly affected. ReadyScreed® Early Strength drying times can vary between 72 hours. Further curing can be achieved by increasing the moisture content.

Abrasiveness
High early strength ensures greater resistance to abrasion and impact during the early and final stages of curing. Typically, conventional floor screeds, during the early stages have suffered severe damage to the wearing surface and this has been observed using Building Research Establishment Screed Test Equipment as required by BS 8204.

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