

## OVERVIEW

Terramix Standard SP is a polymer modified cementitious mortar formulated for plastering and repair of cast in-situ concrete, lightweight concrete, fairfaced dense concrete, concrete blockwork, AAC blockwork and brickwork. It can be used on exterior and interior surfaces to give a hard, smooth, water resistant finish which is suitable for painting and wall papering. Terramix standard SP can be manually or spray applied. When spraying, a TUMAC P10 /P15 spray unit is recommended. Terramix Standard SP is both hydraulically and organically bound guaranteeing good adhesion to the substrate. Due to its composition and the use of precisely graded fillers, a smooth, high quality surface is obtained on masonry substrates.

## PROPERTIES

- Ready to use
- Smooth surface
- Excellent adhesion
- Water resistant
- Crack resistant

## AREAS OF USE

Terramix standard SP is a leveling compound and repair mortar for preparing masonry surfaces from 2-12 mm.

## PREPARATION OF SURFACE

Ensure the surface to be covered is free of loose particles, dust, dirt, grease, oil and paint. Remove all traces of curing agents. Absorbent and porous substrates should be moistened with water prior to the application of Terramix Standard SP.

## BONDING

Under extreme climatic conditions and on very absorbent or porous surfaces the standard code of practice for the use of cementitious products should be followed. Priming and/or the addition of Terrabond A to the mixing water in the ratio of 1:15 is recommended. AAC/ALC surfaces should be primed with diluted Terrabond A (1: 5 with water).

## MIXING

Mix thoroughly with the recommended water addition in a high speed mixer (such as the TERRACO SM 50 or SM 100) or with a hand drill agitator for 3-5 minutes. In normal conditions, let the mixed Terramix Standard SP stand for 3 minutes, then re-stir and use.

Terramix Standard SP should be used within 30 minutes of mixing.

## APPLICATION & CLEANING OF TOOLS

Terramix Standard SP is trowel applied and leveled with steel float. Smooth finishing can be achieved with a wooden or foam float when the Terramix Standard SP has 'set'. The float should be moistened during the smoothing operation. A completely smooth surface is obtained if loose particles are removed with a soft brush when the Terramix Standard SP is dry. Terramix Standard SP should not be allowed to stand unused in spray equipment for longer than 30 minutes.

Clean tools and equipment with water after use.

## CURING

It is advisable to keep the surface moist during the first 48 hours to ensure proper curing.

## HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

## PACKAGING & STORAGE

Terramix Standard SP is supplied in powder form in 25 kg paper bags.

Store material in a clean, dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold. Unopened packs can be stored for 12 months. Use older material first.

#### TECHNICAL DATA

<b>Product</b>	Ready mixed repair mortar, powder form.
<b>Binder</b>	Hydraulic and organic binders.
<b>Filler</b>	Inert finely graded washed fillers of sand or quartz.
<b>Colour</b>	Natural white and grey
<b>Additives</b>	Plasticizing agents, adhesion promoters and water retaining agents.
<b>Adhesion</b>	>0.5 N/mm <sup>2</sup>
<b>Application Thickness</b>	2mm – 12mm.
<b>Mixing Ratio</b>	5.5 – 6.0 ltrs water : 25kg Terramix Standard SP
<b>Shrinkage</b>	Maximum 0.13% (ASTM 157)
<b>Consumption</b>	Approximately 1.5 kg/m <sup>2</sup> per 1mm thickness
<b>Packaging</b>	25kg paper bags.
<b>Storage</b>	12 months in original unopened packs.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

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