

## OVERVIEW

**Terraco SP L10 is a concrete super plasticizer for use in the construction industry. It is manufactured under strict quality control conditions. Terraco SP L10 chemically is a condensation product from melamine and formaldehyde.**

## PROPERTIES

Terraco SP L10 can be mixed with water in any proportion. Terraco SP L10 improved concrete and mortar are harmless in physiological respect and, hence, can be used, e.g. for the manufacture of potable water tank and pipes. Terraco SP L10 has a strong plasticizing effect, although it does not reduce the surface tension of the water.

## AREA OF USE

Terraco SP L10 contains no chloride, so there is no corrosion hazard for the reinforcing steel. Terraco SP L10 does not contain sugar solutions. When combining Terraco SP L10 with other admixtures, suitability testes under site conditions are required.

## IMPROVEMENT OF CONSISTANCY

The dosage of 1-2% Terraco SP L10 by the weight of cement improves the initial stiff consistency to plastic consistency; initial plastic consistency is improved to soft consistency; and initial concrete in the lower soft consistency range yields flowing concrete.

## EFFECTS ACHIEVABLE

- Strong concrete plasticizing without any tendency to segregation.
- Reduced time for pouring.
- Improvement in pumpability.
- Close-textured far-faced surfaces without honeycombs.
- Good workability of lightweight aggregate concrete in the soft consistency range, with our swimming-up effect of lightweight aggregates.

## HEALTH & SAFETY

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

## PACKAGING & STORAGE

Product is supplied in 20kg plastic jerricans and 200 litre steel drums.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 6 months. Use oldest material first.

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.

#### TECHNICAL DATA

<b>Product</b>	Concrete super plasticizer.
<b>Appearance</b>	Transparent to slightly milky.
<b>Solvent</b>	water
<b>Density</b>	1.1 kg/L
<b>pH Value</b>	7 – 9
<b>Frost Resistance</b>	Terraco SP L10 will withstand any number of freezing and thawing cycles. However, it should be thawed completely before use.
<b>Properties</b>	Non-toxic, non-crystallising, non-flammable.
<b>Cleaning of Tools and Equipment</b>	With water
<b>Packaging</b>	20kg plastic jerricans and 200 litre plastic drums.
<b>Storage</b>	6 months in original unopened bags.

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