

# TECNOS<sup>®</sup> 106 SD

Cement Saver for Concrete Blocks



Tecnos<sup>®</sup> 106 SD is a brown liquid which has been formulated for optimum performance as a cement saver under manufacturing conditions encountered in Concrete blocks.

Improved formulation helps in both cement dispersion and compaction, maximizing the strength obtained from the cement used.

## Uses

Tecnos<sup>®</sup> 106 SD is used to reduce material cost by reduction in cement without loss of strength or by increasing strength without additional cement. To get high early strength to improve upon productivity.

## Benefits

- **Cement Saving-** Strength, density and yield maintained with less cement
- **Increased Strengths-** Higher strength without additional cement
- **Reduction in Breakages-** Reduced breakages through increased 'green strength'
- **Improved Production-** Production cycle time can be reduced allowing more blocks to be produced in a given period

## Technical Support

Thermax provides a technical advisory service supported by a team of specialists in the field.

## Properties

<b>Appearance</b>	Pale Yellow to Amber Liquid
<b>Solid Content</b>	4-5%
<b>Specific Gravity</b>	1.0-1.1 at 27°C
<b>Viscosity</b>	0-25
<b>pH</b>	10-14

## Compatibility

Can be used with all types of Portland Cements. For compatibility with other admixtures, please contact any Thermax representative.

## Instructions for Use

### Dosage

Tecnos<sup>®</sup> 106 SD is supplied as a ready to use material. Optimum dosage is best determined by site trials. 0.40 litres per 100 Kg of cement is normally used.

### Over Dosing

An over dose of double the normal quantity can result in set retardation.

### Dispensing

The measured quantity of Tecnos<sup>®</sup> 106 SD should be added along with the gauging water. It should be noted that Tecnos<sup>®</sup> 106 SD should be thoroughly stirred before use. For best results Tecnos<sup>®</sup> 106 SD should be added in wet mixes.

### Health and Safety Instructions

Tecnos<sup>®</sup> 106 SD is non-toxic. Any splashes on the skin must be washed immediately with water. Splashes to the eyes must be washed immediately with water and medical advice should be sought.

### Fire

Tecnos<sup>®</sup> 106 SD is non-flammable.

### Storage

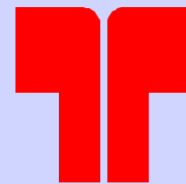
Tecnos<sup>®</sup> 106 SD has a minimum shelf life of 12 months when stored under normal temperatures. It should be protected from extreme temperatures and preferably stored in shade and protected from frost and other extreme conditions. It must be kept in a dry and cool place.

In case the above mentioned storage conditions are not achieved, the product may face premature deterioration.

Please contact a Thermax representative for elaborate storage advice

### Packing

Tecnos<sup>®</sup> 106 SD is available in 5ltr, 20ltr and 250kg barrel.



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Website: [www.thermaxglobal.com](http://www.thermaxglobal.com)

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