

## TECHNICAL DATASHEET

# ASCOSCREED SL

Specially Developed Single Part , Free Flow  
Cementitious Self Leveling Underlayment



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## PRODUCT INTRODUCTION

ASCOSCREED SL is a specially developed single part, free flow cementitious self levelling underlayment. It is manufactured from a controlled blend of special sand, cement, polymers etc. ASCOSCREED SL exhibits high flow properties making it both self levelling and smoothing. ASCOSCREED SL is suitable for most common subfloors such as sand/cement screed and concrete.

## KEY FEATURES

1. Ready and easy to use
2. Superior flow characteristics
3. Very versatile
4. Minimizes time and effort
5. Very Smooth finish
6. Pumpable low stress
7. Dust reduced

## RECOMMENDED APPLICATIONS

ASCOSCREED SL should be used to level and smooth uneven internal sub-floors such as concrete, cement / sand screed, quarry tiles, etc. prior to the installation of resilient flooring.

## TECHNICAL PROPERTIES

Form	Free flowing granular powder
Color	Grey
Bulk Density	1300 ± 50 kg/m <sup>3</sup>
Water Demand	20±2 % by weight
Bed thickness	2 to 7 mm
Working Time	20 ± 5 Minutes
Time to traffic	After 24 hours
Compressive Strength of screed	20 N/mm <sup>2</sup>
Flexural Strength of screed	3 N/mm <sup>2</sup>
Application Temperature	+ 5°C to +40°C

## APPLICATION METHODS:

### 1. Surface Preparation

The substrate must be clean, dry, structurally sound and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder an adhesion. All substrates must be suitable to receive the screed as per current good working practices. Suitable mechanical preparation of substrate may be required.

### 2. Priming

Normal concrete/screed requires priming with ASCOBOND or ASCOBOND AR or ASCOBOND AR 470 diluted 1:1 with clean water. Particularly porous concrete/screed requires priming with ASCOBOND AR 470 diluted 1:1 with clean water followed by a coat of ASCOBOND AR 470 applied neat.

### 3. Coverage

20 Kg will cover approximately  $44 \pm 1 \text{ft}^2$  @ 3mm thickness.

### 4. Mixing

Add 4.0 - 4.4 litre of clean water per 20 Kg bag of ASCOSCREED SL. Mix with a heavy duty drill and paddle for 1-2 minutes or with a suitable continuous mixer. Excess water will cause a loss of strength.

### 5. Cleaning

ASCOSCREED SL can be removed from tools and equipment by washing in clean water immediately after use. Any hardened material will need to be removed mechanically.

### 6. Application

Pour or pump the mixed product over the floor. ASCOSCREED SL will level out to a smooth finish. Release air bubbles with a trowel. This practice must be carried out within 5-10 minutes of application. The screed must be protected from breeze within first 6 hours. Subsequently ensure the room has sufficient ventilation to allow the screed to dry out. ASCOSCREED SL will accept foot traffic after 3-4 hours. Full coverings can be installed after 24-48 hours depending up on applied thickness of ASCOSCREED SL. Should any trowel marks remain, remove with a wet trowel after 1 hour.

## CURING

Optimum curing performance level is achieved after 24 hours of application.

## LIMITATIONS

- i. For old vinyl, linoleum and rubber coverings (up to 2.5 mm) please note:
- ii. The minimum layer-thickness is 3.0mm. Old coverings with cushioned backings are not suitable.
- iii. If high point loads (e.g. hospitals, etc.) are expected, laying on top of old coverings is not recommended.
- iv. Soft old coverings are limited for taking parquet.

## PACKAGING

Available in 20 Kg completely sealed Bag.

## HEALTH & SAFETY

- i. Use personal protective equipment (PPE) to use ASCOSCREED SL for storage and application
- ii. If come in contact with eyes, immediately wash eyes with plenty of water and seek medical advice.
- iii. Use of safety goggles, nose mask and hand gloves are recommended to protect eyes, skin and mouth while in use. (Material Safety Data Sheets are available through our company's representative or from our ASCOLITE's website)

## SHELF LIFE

9 months from the date of production if stored in original, unopened packaging and in places protected from moisture, sun exposure and frost.

### DISCLAIMER:

*While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at [www.ascolite.in](http://www.ascolite.in). Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.*