

OVERVIEW

Terrascreed EX500 is a semi self-levelling floor compound suitable for exterior use on concrete floors and screed prior to application of final floor finish such as ceramic tile, natural stone, etc. The application thickness can vary, ranging from 5mm to 30mm. It can be used in balconies, garage floors, walkways, paths, patios, and other concrete surfaces with normal foot traffic. Terrascreed EX500 is a self-leveling floor compound suitable for exterior use on concrete substrate.

PROPERTIES

Terrascreed EX500 is both hydraulically and organically bound, guaranteeing adhesion to the substrate. Due to its composition and the use of precisely graded fillers, a smooth, high-quality surface is obtained when levelling floors. It is pre-blended, only the addition of clean water at site is required.

AREA OF USE

Terrascreed EX500 is a semi self-levelling compound designed for levelling concrete floors and screeds suitable for interior and exterior.

- Residential and commercial buildings
- Paths, walkways, concrete floors & roofs
- Car parks, garage, and workshops
- Can be use for levelling existing concrete pavements, terrazzo, ceramic, or natural stone after a good surface preparation and priming.

PREPARATION OF SURFACE

Concrete floors should be fully cured for 3-4 weeks. Concrete must be crack free. All surfaces should be clean, dry, and free from grease, laitance, oil, dust, paint and any other substance that may prevent or reduce adhesion. Remove all weak, loose, smooth or broken pieces of concrete, until reaching a sound rough concrete. This can be achieved by grinding.

PRIMING

Apply one coat of Terrabond A solution (1:5 diluted with clean water) as a primer prior to application of Terrascreed EX500. On extremely absorbent, porous surfaces or under extreme climatic conditions, apply 2-3 coats of primer.

MIXING

Terrascreed EX500 is to be mixed in full bag quantity. Do not mix partial bags. Each 25kg bag of Terrascreed EX500 is to be mixed with 3 – 3.5 liters of clean and cool water. Always add powder to the water. Mix the product using a paddle type mixer on a slow speed spiral drill (speed below 500 rpm) for a minimum of 2-3 minutes until a homogeneous lumps free mixture is obtained. Allow the mixed materials to stand for 2 minutes and remix slightly before application. Make sure the mixed

material has a temperature not exceeding 30°C.

Clean tools and equipment with water after use.

APPLICATION & CLEANING OF TOOLS

Pour the Terrascreed EX500 onto the prepared surface, then immediately spread it with a large metal trowel to aid in leveling and smoothing the surface. A porcupine roller is then rolled through the laid material to remove air pockets. Terrascreed EX500 will flow out to find the correct level. Corners and edges to work with trowel. Terrascreed EX500 can be applied between 5mm to 30mm thickness depending on the requirements. Clean tools with clean water.

Cure the applied surface with wet hessian cloth or mist water curing for 3 - 4 days. Allow longer curing time of the material before walking on if the temperature is below 23°C.

RECOMMENDATIONS

- Do not proceed with the application when rainfall is imminent unless in a sheltered or protected area.
- In hot and dry weather, it is preferable to apply the product early morning or late afternoon.
- Avoid work under heavy windy condition where the product may dry fast and cracks might appear.
- Induce control joint at every 2 metres on floor.
- Water must not be overused.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. It is recommended to use protective gloves and safety goggles. In case of contact with eyes, clean thoroughly with water. For detailed information refer to the relevant material safety data sheet.

PACKAGING & STORAGE

Terrascreed EX500 supplied in 25kg bags.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use the oldest material first.

TECHNICAL DATA

Product	Exterior semi self-levelling compound in powder form
Binder	Hydraulic and organic binders
Colour	Grey powder
Water demand	13% of water by weight of Terrascreed EX500
Wet Density	2000 kg/m ³
Application thickness	5mm – 30mm thickness.
Application temperature	+5 to +35 deg. C
Workability time	20 to 30 minutes
Setting time	60 to 90 minutes
Open for traffic	48 to 72 hours after curing
Compressive Strength	>40 N/mm ² (BS 1881 part 116:1983)
Flexural strength	>6 N/mm ² (BS 4551 part 1:1998)
Consumption	2 kg/m ² /mm thickness
Packaging	25 kg paper sacks
Storage	12 months in original unopened container

For technical enquiries please contact your nearest Terraco representative:

ALGERIA:

SARL Terraco Algeria
Tel: +213 (0)23 23 07 80
Fax: +213 (0)23 23 07 80
E-mail: terraco@terraco.dz
Web: www.terraco.dz

CHINA:

Terraco Architectural Coatings China Co., Ltd.
Tel: +86 (0)20 8759 4742
Fax: +86 (0)20 8526 8056
E-mail: sales@terraco.com.cn
Web: www.terraco.com.cn

Terraco Chemical (Shanghai) Co., Ltd.
Tel: +86 (0)21 621020 48 / 18
Fax: +86 (0)21 625205 47
Email: sales@terraco.com.cn
Web: www.terraco.com.cn

EGYPT:

Terraco Egypt Chemical Industries S.A.E.
Tel: +20 (0)22 29184 53 / 57 / 58
Fax: +20 (0)22 29184 80
E-mail: terraco@terraco.com.eg
Web: www.terraco.com.eg

JORDAN:

Jordan Swedish Polymers Industrial Corp.
Tel: +962 (0)6 553 8751
Fax: +962 (0)6 553 6560
E-mail: terraco@nol.com.jo
Web: www.terraco.jo

IRELAND:

Terraco Technical Centre, Ireland
Tel: +353 (0) 1 2819 045
Fax: +353 (0) 1 2819 048
E-mail: technical-centre@terraco.com
Web: www.terraco.com

RUSSIA:

OOO Terraco Sweden Ltd, Russia
Tel: +7 (0)495 9212 237
Fax: +7 (0)495 6273 881
E-mail: adm@terraco.ru
Web: www.terraco.ru

OOO Terraco Vostok Ltd
Tel: +7 (0)4212 410563
Fax: +7 (0)4212 410591
E-mail: terracovostok@terrakovostok.ru
Web: www.terraco.com

SOUTH KOREA:

Terraco Korea Co., Ltd
Tel: +82 (0) 2 5611 551
Fax: +82 (0)2 5671 771
E-mail: terraco@terraco.co.kr
Web: www.terraco.co.kr

THAILAND:

Terraco Industry (Thailand) Limited
Tel: +66 (0)2 946 68 56 / 58
Fax: +66 (0)2 946 68 59
E-mail: terraco@terraco.co.th
Web: www.terraco.com

TURKEY:

Terraco Yapi Malzemeleri Sanayi Ve Ticaret AS
Tel: +90 (0)222 236 0423
Fax: +90 (0)222 236 0425
E-mail: terraco@terraco.com.tr
Web: www.terraco.com.tr

UK:

Terraco UAE Ltd
Tel: +971 (0)4 326 2699
Fax: +971 (0)4 326 2733
E-mail: terraco@terraco.ae
Web: www.terraco.com

UK:

ADDAGRIP
Tel: +44 (0)1825 761 333
Fax: +44 (0)1825 768 566
E-mail: sales@addagrip.co.uk
Web: www.addagrip.co.uk / www.terraco.com

VIETNAM:

Terraco Vietnam Co., Ltd
Tel: +84 (0)650 3 820 100
Fax: +84 (0)650 3 820101
E-mail: terraco@terraco.com.vn
Web: www.terraco.com