

OVERVIEW

Terraco Pluggit 311 is a one-component rapid setting repair mortar which is used to stop water leakages in concrete and masonry. Terraco Pluggit 311 is shrinkage compensated and hence creates a watertight repair even under constant water pressure.

PROPERTIES

- Rapid setting formulation
- Shrinkage compensated
- One-component easy to use compound
- Chloride-free, corrosion-free compound
- High early strength properties
- Sets above and below water

AREA OF USE

Terraco Pluggit 311 is used to repair concrete or masonry surfaces where running water or moisture seepage is present. It is suitable for use to fill static cracks and holes in foundations, tunnels, reservoirs, sewerage pipes, basements, water tanks, etc.

PREPARATION OF SURFACE

Ensure that all dust, dirt and foreign matter are scraped and brushed away. Also ensure the surfaces are free from salts, oil, grease and ridges, and protect all adjacent surfaces not to be covered.

Remove any standing water from the repair area. If repair area is dry at time of repair, moisten substrate before application of Pluggit 311

APPLICATION & CLEANING OF TOOLS

Terraco Pluggit 311 can be applied either dry or wet. For wet application, mix a small quantity of product with water to form a stiff paste and fill the void by pressing paste into damaged area and holding in place until set. Terraco Pluggit 311 will set in 3-5 minutes, but application temperatures can lengthen or shorten this time. Only mix sufficient material that can be used within 1-2 minutes. Do not mix for more than 30 seconds. Once the repair has set, excess material can be removed by cutting surface with a trowel or spatula to bring surface level with surrounding area. Terraco Pluggit 311 can be over-coated with Terraco Weathercoat once initial set has been achieved.

Clean tools and equipment with water after use.

HEALTH & SAFETY

Gloves and goggles should be used to avoid contact with skin and eyes. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Terraco Pluggit 311 is supplied in 5 x 1kg pack in a 5kg plastic pail and 20 x 1kg pack in a 20kg plastic pail.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 9 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

Product	Cement based, rapid setting water-stop mortar.
Binder	Hydraulic and organic binders.
Filler	Inert finely graded washed fillers of sand or quartz.
Colours	Dark grey.
Application Conditions	5°C to 30°C
Compressive Strength	>20N/mm ² (7 days) >25N/mm ² (28 days)
Flexural Strength	>3N/mm ² (7 days) >8N/mm ² (28 days)
Tensile Strength	>1N/mm ² (28 days)
Set Time	5 minutes (initial), 2 hours (final)
Wet Density	1900kg/m ³
Water Demand	0.26 ltr water : 1 kg powder
Application Thickness	50 mm (vertical), 30 mm (overhead)
Yield	20 kg powder + 5.2 ltr water gives 13.5 ltr mix
Consumption	1.6 kg/m ² /mm thickness
Packaging	5 x 1kg pack in a 5kg plastic pail and 20 x 1kg pack in a 20kg plastic pail.
Storage	9 months in original unopened container.

For technical enquiries please contact your nearest Terraco representative:

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) 404 66655
Fax: +353 (0) 404 66654
E-mail: technical-centre@terraco.com
Web: www.terraco.com

PAKISTAN:

Terraco Pakistan Pvt. Ltd.

Tel: +92 (0)42 3529 70 56-8
Fax: +92 (0)42 3529 70 55
Email: terraco@terraco.pk
Web: www.terraco.com

ROMANIA:

Terraco Romania SRL

Tel: +40 (0)749 203 133
Fax: +40 (0)318 148 810
E-mail: ahaque@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@terrakokhv.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

UAE:

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 3 820 101
E-mail: terraco@terraco.com.vn
Web: www.terraco.com