

OVERVIEW

Terol Crystal is a thin coat, mineral based decorative render, based on attractive glass aggregates, designed for long-life protection of exterior facades and primarily used for finishing Terraco EIFS systems. When set the surface is treated with a light acid wash to expose the light reflective aggregates. Terol Crystal is water repellent, while at the same time allowing the structure to breath. Terol Crystal has excellent dirt pick-up resistance and is extremely stable against UV light even in severe climatic conditions. Terol Crystal can either be applied manually or by machine and is available in a range of sixteen standard colours.

PROPERTIES

Terol Crystal is formulated using a mixture of crushed and precisely graded glass aggregates, special cements, limes and additives. This gives superior weather and pollution-resistant properties to the material, which has a life expectancy of more than 10 years, when applied correctly.

- Long life
- Dirt pick-up resistance
- Excellent UV stability
- Water repellent
- Plastering / finishing in one operation
- Good mechanical strength
- Attractive decorative finish

AREA OF USE

Terol Crystal is primarily designed for exterior facades/surfaces of concrete, cement rendering, lightweight concrete, and fairfaced brickwork/blockwork, but is also usable on interior surfaces. Terol Crystal is ideal as a finish for Terraco EIFS (Exterior Insulating Finishing System).

PREPARATION OF SURFACE

Ensure all dust, dirt and foreign matter are brushed and scraped away. Also ensure surface is solid, free from salts, oil, grease and ridges. Protect all adjacent surfaces not to be coated. All surface defects should be repaired prior to application of Terol Crystal with Terramix/Styrobond DP.

MIXING PROPORTIONS

Terol Crystal is delivered in powder form and simply needs mixing with water using a high-speed mixer for approximately 1 minute, or a slow mixer for 5 minutes. For small quantities, mixing can be carried out with an agitator driven by a power drill.

APPLICATION & CLEANING OF TOOLS

Apply by trowel to a level granular finish. Do not apply moisture to trowel as this may cause discolouration. Allow the material to cure for 24 hours before applying a light acid wash. The acid wash should be a solution of 5% hydrochloric acid which is applied in 1 or 2 coats to expose the crystalline aggregates. Wash surface with plenty of water to completely remove any traces of acid.

Clean tools and equipment with water after use.

CURING

Allow the surface to air cure for 72 hours.

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 25kg plastic lined paper bags.

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

Product	Exposed glass mineral render.
Colour	Available in 16 standard colours.
Filler Material	Crushed, precisely graded extenders.
Binder	Blend of special cements, lime and organic binders.
Additives	Plasticizers, water-retention and adhesion-improving additives.
Durability	+10 years.
Grain Size	2mm
Consumption Rate	4-5kg/m ²
Water Demand	4.5-5.5kg/25kg bag
Packaging	25kg double - walled laminated bags.
Storage	6 months in original unopened containers.

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 66555
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@terraco.khn.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 820101
E-mail: terraco@terraco.com.vn
Web: www.terraco.com