

OVERVIEW

DiamondCoat is an acrylic water borne floor coating based on a new generation of hydrophobic polymers. It provides outstanding durability with excellent chemical and water resistance. It has excellent hot tyre pick-up resistance and is ideally suited for application on garage and light industry floors. The ultra fine particle size allows the product to be used as its own primer. The product has a self crosslinking mechanism which imparts excellent block and chemical resistance to the coating film. The product is available in a range of attractive colours and is suited for both interior and exterior applications. DiamondCoat is available in matt or mid-sheen.

PRODUCT GRADES/CODES

Mid-sheen	67150
Matt	67151

PROPERTIES

DiamondCoat is a blend of self crosslinking acrylic resins, light and chemical fast pigments and specialist additives. The coating has the following properties.

- Easy surface preparation
- Easy to use water borne system
- Fast drying
- Excellent durability
- Chemical resistant
- Block resistant
- Excellent hot tyre pick-up resistance
- Water resistant
- UV stable
- Excellent penetration to substrate
- Excellent adhesion to substrate

AREA OF USE

DiamondCoat is designed for use on concrete floors, in areas such as warehouses, workshops, garages, etc.

PREPARATION OF SURFACE

Ensure that all dust, dirt and foreign matter are brushed away. Also ensure that the surface is free from salt, oil, grease and ridges. All cracks, chips, voids and damaged areas should be repaired using a blend of Terramix Fine (5kg) with DiamondSeal (1kg) and water (0.25-0.5 ltr.). This repair compound should be allowed to cure for 3 days prior to application of the primer coat.

PRIMING

Use a coat of diluted DiamondCoat (1:1 with water) as a pigmented primer or use DiamondSeal as a clear primer coat.

APPLICATION & CLEANING OF TOOLS

Application is done by brush, roller or spray in two coats, allowing four hours between coats. Coated areas can be put back into service after 24 hours.

Clean tools and equipment with water after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

DiamondCoat is supplied in 20kg plastic pails.

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 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	Water borne acrylic floor coating system.	
Binder	Acrylic.	
Thinning	With water if required.	
Drying Time	4 to 6 hours between coats.	
Hardness (Koenig Pendulum)	38 (3 days), 46 (10 days)	
Abrasion Resistance	96(3days), 108 (7 days) Taber abrader (wear index CS-10).	
Adhesion to Concrete	3.5 N/mm ²	
Chemical Resistance	Brake fluid	: good
	Sulphuric acid 25%	: good
	Ammonia 25%	: good
	Caustic solution 25%	: good
	Ethanol 20%	: good
Sheen	Mid-sheen or matt.	
Viscosity	8,000cps.	
Material Consumption	400-500grs/m ²	
Application Method	Brush, roller or spray.	
Packaging	20kg plastic pails.	
Storage	12 months in original unopened containers.	

For technical enquiries please contact your nearest Terraco representative:

RUSSIA:

OOO Terraco Sweden Ltd, Russia
Tel: +7 095 101 2237
Fax: +7 095 927 3881
E-mail: terraco@online.ru
Web: www.terraco.ru

OOO Terraco Vostok Ltd

Tel: +7 (0)4212 431 933
Fax: +7 (0)4212 431 977
E-mail: terracoVostok@terraco.khn.ru

CHINA:

Terraco Architectural Coatings China Co., Ltd.
Tel: +86 (0)20 8758 2600,
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 6210 2048
Fax: +86 (0)21 6252 0547
Email: sales@terraco.com.cn

JORDAN:

Jordan Swedish Polymers Industrial Corp.
Tel: +962 (0)6 552 7140, 553 0229, 551 4037
Fax: +962 (0)6 553 6560
E-mail: terraco@nol.com.jo
Web: www.terraco.jo

EGYPT:

Terraco Egypt Chemical Industries S.A.E.
Tel: +20 (0)2 8340 004, 832 3584
Fax: +20 (0)2 8340 004, 832 3584
E-mail: terraco@terraco.com.eg

UAE:

Terraco UAE Ltd
Tel: +971 (0)6 543 3565
Fax: +971 (0)6 543 3558
E-mail: terraco@emirates.net.ae

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

THAILAND:

Terraco Industry (Thailand) Limited
Tel: +66 (0)2 948 5558
Fax: +66 (0)2 948 5540
E-mail: terraco@terraco.co.th

VIETNAM:

Terraco Vietnam Co., Ltd
Tel: +84 (0)650 820100
Fax: +84 (0)650 820101
E-mail: terraco_vietnam@hcm.vnn.vn

SOUTH KOREA:

Terraco Korea Co., Ltd
Tel: +82 (0)43 645 8814
Fax: +82 (0)43 643 9429
E-Mail: terraco@terraco.co.kr
Web: www.terraco.co.kr

IRELAND:

Terraco Technical Centre, Ireland
Tel: +353 (0) 404 66555
Fax: +353 (0) 404 66654
E-mail: terraco@eircom.net
Web: www.terraco.com