

## OVERVIEW

Vapogard AC220 is superior quality 100% pure acrylic water based anti-carbonation coating, suitable for use on exterior and interior surfaces of concrete, plywood, antirust primed steel, etc. Vapogard AC220 protects concrete from carbonation (anti-carbonation coating) and provides outstanding protection to substrate against UV rays. Vapogard AC220 is available in selected exterior range of colours and can be applied by brush, roller, airless or conventional spray.

## PRODUCT GRADES/CODES

AC220 White	61136
AC220 Pastel Base	61137
AC220 Mid Base	61138
AC220 Clear Base	61139

## PROPERTIES

Vapogard AC220 contains materials which provide excellent weather and pollution-resistant properties, as well as precisely graded special fillers to ensure the coated surface always maintains its original decorative beauty. Vapogard AC220 has a matt finish when dry.

## AREAS OF USE

Vapogard AC220 can be used on new or old surfaces of concrete, brickwork, plasterwork, plywood, galvanized steel and anti-rust primed steel. It is suitable for housing developments, industrial and commercial complexes, bridge facades, girders and roof trusses, site cabins, etc. It is widely used as anti-carbonation coating for basement car park walls and ceilings.

## PREPARATION OF SURFACE

**New surfaces:** 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. Protect all adjacent surfaces not to be covered. All cracks, chips, voids and damages should be repaired with Terraco Handycoat Fine / Handycoat Stucco Putty (for interiors) / Handycoat Exterior (for exteriors)

**Old surfaces:** Before applying to old surfaces, ensure the substrate is firm. First wash down the surface with a sugar soap solution, rinse and allow to dry before repairing or applying the primer.

## PRIMING

Dusty and flaking surfaces should be primed with Terraco Penetrating Primer.

## APPLICATION & CLEANING OF TOOLS

Very porous substrates should be filled and may require a diluted first coat. Apply the coating by brush, roller or spray in 2 -3 coats allowing 2 -4 hours drying time between coats. The application operation should be continuous in order to avoid dry edges; therefore plan the application work accordingly.

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 and STORAGE

Terraco Vapogard AC220 is supplied in 18 litre and 3.6 litre containers.

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

<b>Product</b>	High performance one pack anti carbonation coating
<b>Binder</b>	Pure acrylic resin
<b>Pigments</b>	Lime and light-fast. Weather and pollution-resistant.
<b>Colours</b>	According to TERRACO colour charts. Any special colours can be matched on request.
<b>Carbon Dioxide Diffusion SD (m) (=μ CO<sub>2</sub>.s)</b>	400 meters
<b>Average Carbon Dioxide Permeability (i) in g/m<sup>2</sup>d</b>	0.71
<b>Drying Time</b>	1 - 2 hours per coat. Recoating time: 2 – 4 hours. (Depending on site conditions).
<b>Viscosity</b>	15,000 – 20,000 cps at 25°C
<b>Specific Gravity</b>	1.30-1.40
<b>Solid Content</b>	55±1%
<b>pH Value</b>	8.0-9.0
<b>Dilution</b>	With water if necessary. The first coat may be diluted with 10% water for multiple coat application.
<b>Application Method</b>	Roller, spray, brush.
<b>Packaging</b>	18 litre and 3.6 litre plastic pails.
<b>Storage</b>	12 months in original unopened containers.

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

### 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

### 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

### 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

### 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

### 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

### 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

### 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

### 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

### 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

### OOO Terraco Vostok Ltd

Tel: +7 (0)4212 410563  
Fax: +7 (0)4212 410591  
E-mail: terracovostok@terrakovostok.ru  
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

### 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

### 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

### 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