

CHRYSO[®] ARMOURCOTE 560

High Build Coal Tar Epoxy



Description

CHRYSO ARMOURCOTE 560 is a two parts high build Coal-Tar-Epoxy specially designed for protection of concrete and steel structure in aggressive environment.

Indicative Characteristics

Type	Two pack coal tar epoxy coating having mix ratio of 1 : 1
Colour	Black
Drying Time	4-5 h.
Pot Life	3-4 h
Curing Time	7days
Apply By	Brush roller, spray
Recommended Dry Film thickness per coat	150-200 microns.
No. of coats required	2 minimum
Theoretical Coverage	4 to 6sq.mtr./ Kg.

Domains of Application

Marine piling, sheet piling, hydraulic pipes, pens-stocks, sewerage plant and industrial waste processing equipment, mooring buoys, beacons.

Method of Application

Surface Preparation

Round off welds and rough edges. Remove weld spatter. Abrasive blast - clean steel surfaces in accordance with AS 1627: 4 class 2 ½. Concrete and masonry must be cured at least 30 days. Remove all laitance and foreign matter before coating.

Mixing

Break down viscosity of component-A by powder mixing and blend component-B slowly and smoothly into component-A. Powder mixing for five minutes is recommended.

Thinning

If thinning is found necessary, **CHRYSO ARMOURCOTE-560** thinners. Under normal circumstances no more than 10 % by volume of thinning should be used.

Application

Apply a heavy wet coat, special attention to welds, seams and sharp edges.

Spraying

For airless spray, standard equipment having a 28:1 pump ratio with 550 – 700 kpa in bond pressure and a 0.45 – 0.52 mm fluid tip should be used.

Moisture traps should be installed at the air inlet to spray pots to avoid moisture contamination of the coating. Continued agitation while spraying is recommended.

Brushing and Rolling

For brush application, use a soft-haired bristle brush. For roller application, use a short-nap roller.

Recoating:

To ensure maximum inter-coat adhesion, the second coat should be applied as soon as possible after the previous coat is firm. Where the initial coat has cured more than 72 hours at 20°C or higher, or has been subjected to intense sunlight resulting in a dull black surface, the surface must be grit-blasted or wire blasted and swabbed with MIBK to ensure a mechanical bond.

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.chryso.com

CHRYSO India Private Limited | Registered & Corporate Office : Plot No. D -30/7, TTC Industrial Area, M.I.D.C. Turbhe, Navi Mumbai – 400705. Maharashtra, INDIA. Tel : +91 22 27685991/2



08/01/2017

For Supplies please contact:
Bils Innovations (India) Pvt. Ltd.
Delhi, India
+91-11 42175807
+91 9582307311
Online Shop @ www.bilsinnovations.com

Ideas to Reality – Rendering Quality | Ecology | Safety

CHRYSO[®] ARMOURCOTE 560

High Build Coal Tar Epoxy



Reinstatement

Remove rust and damaged coat in affected area by blasting or power wire brushing. Feather back adjacent coated area. Swab with MIBK. Apply **CHRYSO ARMOURCOTE-560** to original film thickness. For long term protection, perfect film continuity must be maintained and should be the key consideration in formulating the maintenance programme.

Advantages

- Weathering Excellent: A tightly adhering superficial Film of chalked coating is formed which protects the under lying film from further chalking. **CHRYSO ARMOURCOTE-560** is highly resistant to intense UV and degrading elements in the atmosphere, and the coating will not crack even under conditions of high tropical temperatures and humidity.
- Abrasion: The coating is very hard and can withstand the abrasive conditions encountered in driving steel pilling through backfill, sand, rubbles, etc., with only negligible damage.
- Adhesion: Excellent, corrosion resulting from mechanical damage is local only and under scoring of the adjacent film does not occur.
- Chemical: Resistant to a wide range of chemicals commonly encountered in industry. For specific suitability, consult our technical division. Weld ability not recommended. Leave weld margins.

Shelf Life & Storage

12 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from +5°C to 40°C

Packing

2x20 kg Kit.

Precautions

- Store the material at the 5° to 40°C temperature range in shaded cool place and keep it away from fire and any heated body. Clean all tools with MEK or any standard solvent before polymerization starts.
- Application shall be carried out at below 70% RH and at least 3°C above the dew point.
- Mix only sufficient materials for immediate requirements.

Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet. The MSDS is available on www.chryso.com

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.chryso.com

CHRYSO India Private Limited | Registered & Corporate Office : Plot No. D -30/7, TTC Industrial Area, M.I.D.C. Turbhe, Navi Mumbai – 400705. Maharashtra, INDIA. Tel : +91 22 27685991/2



For Supplies please contact:
Bils Innovations (India) Pvt. Ltd.
Delhi, India
+91-11 42175807
+91 9582307311
Online Shop @ www.bilsinnovations.com



Ideas to Reality – Rendering Quality | Ecology | Safety