



POLINTEK

**Product Data Sheets
POLINTEK
Primary Coating**



GENERAL INFORMATION

Product Description :

A two component system consisting of polymers incorporated with an aggregate mix. Once fully cured, the system provides excellent protection from the effects of corrosion, erosion, mechanical and chemical attack.

Application Areas :

When mixed and applied as detailed in the POLINTEK Instructions for Use (IFU), the system is ideally suited for application to the following:

- Metal Surfaces
- Concrete Surfaces
- Polymer Surfaces
- Floor
- Track
- Building
- Other metal and concrete structures

APPLICATION INFORMATION

Working Life

Will vary according to temperature. At 77°F (25°C), use all mixed material within 30 minutes.

Coverage Rates

Each 1 kg unit applied at film thickness of 1 mm will cover 1 m².

Cure Time

Allow to solidify for the times shown in the POLINTEK IFU before subjecting it to the conditions indicated.

Components

Appearance dop to glossy

Color white, red, green, yellow and blue

Density 1.2 - 2.5 g/cm³

Mixed Properties

Mixing Ratio by Weight (component to component) 1 : 1

The above application information serves as introductory guide only. For full application details including the recommended application procedure/technique, refer to the POLINTEK IFU which is enclosed with each packaged product.

ADHESION

When tested in accordance with ASTM D 4541 :
1252 PSI

ABBRASSION

When tested in accordance with ASTM 4060 :
35%.

CATHODIC DISBONDMENT

When tested in accordance with ASTM G 80 / G 95 :
4.5 mm.

HARDNESS

When tested in accordance with ASTM D 3363 :
4H

HOT WATER IMMERSION

When tested in accordance with ASTM C 870:
1 spot detected.

IMPACT RESISTANCE

Have a good resistance when 1.5 joule applied in accordance
with ASTM D 2794 :
Passed

MANDREL BEND

No crack when bend at mandrel accordance to ASTM D 522

PEEL

The layer when tested accordance to TEX-739-1 :
0.95 mm peeled

CHEMICAL RESISTANCE

Demonstrates excellent chemical resistance accordance to
ASTM D 4752 and resistant to salt solutions, hydrocarbons and
mineral oils.

SALT SPRAY

Demonstrate excellent resistance to 336 hours salt spray
applied accordance to the ASTM B 117.

SELF LIFE

All components will have a shelf life of at least 5 years when
stored between 32°F (0°C) and 86°F (30°C).

APPROVALS / ACCEPTANCE

The material has received recognition from local organizations

ADVANTAGES

1. Best Corrosion & Erosion Protection.
2. Compatible to all metal and non-metal surfaces.
3. UV and Extreme Climate Resistance.
4. Abrasion Resistance
5. Flexible for Dynamical Force (especially for Tank and pressurized container).
6. Best high pressure and high temperature.
7. Best adhesive within extreme wet and oily application.
8. Hydrocarbon Resistance & Best Chemical Resistance.

POLINTEK guarantees this product will meet the performance claims stated herein when material is stored and used as instructed in the POLINTEK Information For Use leaflet. POLINTEK further guarantees that all its products are carefully manufactured to ensure the highest quality possible and tested strictly in accordance with universally recognized standards (ASTM & TEX-739-1). Since POLINTEK has no control over the use of the product described herein, no warranty for any application can be given.

AVAILABILITY AND COST

POLINTEK Primary Coating is available from a network of POLINTEK Distributors throughout the world for prompt delivery to the application site. For information, consult the POLINTEK Distributor in your area.

HEALTH AND SAFETY

Prior to using this material, please consult the relevant Material Safety Data Sheets.

MANUFACTURER

PT. DARTA MCKUADRAT INDUSTRI Tangerang INDONESIA	PT. ABADI COATING SOLUTION. Tangerang INDONESIA
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TECHNICAL SERVICE

Complete technical assistance is available and includes fully trained Technical Consultants, technical service personnel and fully staffed research, development and quality control laboratories.

The technical data contained herein is based on the results of long term tests carried out in our laboratories and to the best of our knowledge is true and accurate on the date of publication. It is however subject to change without prior notice and the user should contact PT. DARTA MCKUADRAT INDUSTRI to verify the technical data is correct before specifying or ordering. No guarantee of accuracy is given or implied. We assume no responsibility for rates of coverage, performance or injury resulting from use. Liability, if any, is limited to the replacement of products. No other warranty or guarantee of any kind is made by PT. DARTA MCKUADRAT INDUSTRI, express or implied, whether statutory, by operation of law or otherwise, including merchantability or fitness for a particular purpose. Nothing in the foregoing statement shall exclude or limit any liability of PT. DARTA MCKUADRAT INDUSTRI to the extent such liability cannot by law be excluded or limited.

