EASY FLEX GREY

Epoxy Engine Room Floor Coating



PRODUCT DESCRIPTION

The ONLY surface tolerant, odor and solvent free, pure epoxy coating

INTENDED USES

An unusually durable and chip resistant coating for engine and fan rooms with particularly successful application on floors. For use in new building and maintenance when used with Easy Prime (see Bulletin: 281)

PRODUCT INFORMATION

Part A (Color) 422 - Grey (Not Potable Water Certified)

Finish/Sheen Gloss Part B (Curing Agent) 222

Volume Solids 100% (Wet mils = Dry mils) (ISO 3233:1998) Mix Ratio 2 volume(s) Part A to 1 volume(s) Part B

Film Thickness New Build: 12 Wet Mils (300 microns wet).

Maintenance: 9 Wet Mils (225 microns wet).

Theoretical Coverage 3.29 m²/litre (134 Ft2/Gall) at 12 Mils, add 20% for overspray loss.

4.37 m²/litre (178 Ft2/Gall) at 9 Mils, add 20% for overspray loss.

Method of Application Airless Spray, Brush, Roller

Part A >100°C; Part B >100°C; Mixed >100°C Flash Point (Typical)

10°C 15°C 35°C 25°C **Drying Information** 12 hrs 24 hrs 8 hrs 5 hrs Touch Dry [ISO 9117/3:2010] 36 hrs 24 hrs 18 hrs 8 hrs Hard Dry [ISO 9117-1:2009] 90 mins 60 mins 45 mins no data Pot Life **Substrate Temperature** 10°C 35°C Overcoated By Min Min Min Max Min Max Max Max

24 hrs

8 days

18 hrs

7 days

10 hrs

5 days

SURFACE PREPARATIONS

Simply stated the steel surface must be:

Clean: No staining to white rag when rubbed across steel surface

36 hrs

Dry: No visible moisture on the steel surface

Tight: No loose material when a wire brush is pulled across the surface of the metal Sweep

10 days

Blast entire tank to Sa1.0. A surface profile of 50 - 100 microns is required. Weld Seams and sharp edges must be stripe coated with Easy Flex

APPLICATION

MIXING Material is supplied in a Uni-Pak container. Always mix a complete unit in the proportions supplied. Once the

unit has been mixed it must be used within the working pot life specified.

(1) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power

agitator.

Easy Flex Grey

THINNER Not recommended.

AIRLESS SPRAY Recommended

Tip Range 0.53-0.58 mm (21-23 thou) Total output fluid pressure at spray tip not less than 211 kg/cm² (3000 p.s.i.)

Mixed material temperatures should be between 30-35°C (86 - 95F) for optimum spraying.

CONVENTIONAL SPRAY

Application by conventional spray is not recommended.

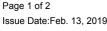
Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film

thickness

ROLLER Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film

thickness.

CLEANER Methyl Ethyl Ketone (CAS # 78-93-3)



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BRUSH



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PERFORMANCE

Adhesion Pull Test ASTM D4541 76.7 KG/cm2 (1,090 psi)
Elongation ASTM D2794 3.05 Joules (27-inch pounds)

Conical Mandeel Bend ASTM D522 >34%

Weight Gain (30-day immersion) ASTM D471 >0.5% Diesel Crude

>0.5% Oil
Heat Resistance Continuous ASTM D2485 150C (302F)

WORK STOP / CLEANUP

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with Cleaner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work

recommences with freshly mixed material.

Clean all equipment immediately after use with cleaner. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. Do not exceed pot life limitations. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

WELDING In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be

emitted which will require the use of appropriate personal protective equipment and adequate local exhaust

ventilation.

PACKAGING SIZE 10 Liter UniPak Pail (2.64 Gall) Mixed , 30 IBS Gross Weight

UN SHIPPING Non-hazardous , non-regulated

SHELF LIFE 36 Months

LIMITATIONS At ambient temperatures below 25°C paint lines must be lagged. In-line heaters should not be used unless

absolutely necessary. For maximum performance the curing temperature should be kept below 35°C. Particular care should be taken to avoid exceeding this in localized areas when artificial heating is introduced. The climatic conditions within the tank must be controlled to maintain a maximum relative humidity of 50% at temperatures between 10-15°C, and a maximum relative humidity of 60% at temperatures of 16°C and

above. The drying times and overcoating intervals may alter due to various on-site factors such as tank configuration

and ventilation rates.

IMPORTANT NOTE

The information contained in this data sheet is to the best of our knowledge true and accurate; but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose.

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