



# BITUPRUF E W240

## Rubber Bitumen Emulsion Waterproofing Coating

### 水性環保瀝青防水塗料

#### 1.0 Description

BITUPRUF E W240 is a ready-to-use liquid rubber bitumen emulsion self-cured to a seamless film. It is designed to perform as a simple applied waterproofing layer for interior area before installation of onward cement screeding , tiles etc. BITUPRUF E W240 provide a fast formulation of a seamless film growing form underneath to the surface and a thorough curing of the material. It is a cold applied coating which complies with BS3416 and appropriate section of BS3690(1982) & BS Code of Practice 102.

#### 2.0 Technical Data

Form:	Plastic Consistency
Colour:	Black
Solid Content:	70%
Flash Point:	>100 ° C
Specific Gravity:	Approx. 1.1g/ml
Flexibility(Bending over a radius of 15mm):	Passed DIN 52123
Crack Bridging:	Up to 2.5mm
Elongation At Break:	>100 % ASTM D412
Adhesion to Concrete:	>0.4N/mm <sup>2</sup>
Hydrostatic Test (7bar 24 hrs):	Passed DIN1048
Water Absorption:	< 1% ASTM D570-81

#### 3.0 Typical Application

BITUPRUF E W240 is suitable for application in the areas where damp proof barrier are required such as portable water tank, showers, planters, retaining walls, sewage, interior floor and balconies or it could service as a liquid mastic to seal crack and joints and as a primer to seal damp surface before laying bituminous sheet membrane.

#### 4.0 Application Details

- All substrate must be sound, free from voids, cracks , free of all laitance, oil, grease, curing agent or other contaminants.
- Apply BITUPRUF E W240 directly from the container, it is recommended to pre-stir the material in the can prior to application.
- Use a strong cement brush, roller or trowel and work the 1<sup>st</sup> coat into the substrate with a little stiffing action.
- Apply 2<sup>nd</sup> coat after the 1<sup>st</sup> coat has set(touch dry test with moistened finger)
- Apply 2<sup>nd</sup> coat in a perpendicular direction to the 1<sup>st</sup> coat to ensure even thickness.
- If a trowel application is adopted, only one single layer is necessary and 2<sup>nd</sup> coat is optional.
- Weak joints or edges can be reinforced by incorporating a layer of fabric during the application of 2<sup>nd</sup> coat.
- If an accumulation of moisture is present in the substrate, protect with a layer of CORAL W888 before applying BITUPRUF E W240(E) to prevent formation of blisters.

#### 5.0 Estimated Coverage

Ground Moisture : 1.0kg/M2;  
Hydrostatic Pressure : 2.0kg/M2;

#### 6.0 Packaging

20 Liter/Drum

#### 7.0 Health and Safety

BITUPRUF E W240 is water based, non-toxic, non-flammable.

