Elastomeric acrylic emulsion waterproofing with solar reflectance properties. To protection your home from UV and water leaks.

weberdry SUN BLOCK

- 6-Times highly flexible
- Cover cracks
- Waterproof on exisiting tiles
- Stop leakage from roofs, rooftops and walls
- Anti-fungus
- UV resistance, heat reflection
- Fix leakage from joints
- Easy to use
- Low VOCs

weberdry SUN BLOCK Elastomeric acrylic emulsion waterproofing with solar reflectance properties following standards from Department of Alternative Energy Development and Efficiency, Ministry of Energy (Thailand). **weberdry SUN BLOCK** is a solar reflectance waterproofing filled with sunscreen ingredients as used in sunscreen cream and lotion. **weberdry SUN BLOCK** uses for waterproofing and solar reflectance, to protects for both summer and monsoon without having to worry about leakage and UV against. **weberdry SUN BLOCK** is suitable use for many substrates such as concrete, metal sheet roofs, roof tiles and, gypsum boards.

- **Packaging:** 1k.g./Bucket, 4 k.g./Bucket, 20 k.g./Bucket
- **Color:** White
- **Coverage:** Average 1-2 m2 for 1 kg-bucket
  Average 2-4 m2 for 4 kg-bucket
  Average 10-20 m2 for 20 kg-bucket

Applications

Substrate preparation

1. The surface must be clean from dust, cement laitance and oil grease. The surface also must be lowest moisture content than 6%.
2. Deformed paint or coating must be thoroughly cleaned before application
3. Repair the crack by **weberep repair mortar GP** and plastering by **weberbase levelling plaster** (Curing time of new concrete must be more than 28 days old and other cementitious surfaces more than 7 days old.)
4. Metal surface must be clean the rust before coating by **weberdry SUN BLOCK**
5. Tile roofs must be repairing of cracking problem before coating, recom mend to use together with **webertape fibermesh5** and/or use **weberseal tape** to fix the crack before coating by **weberdry SUN BLOCK**

Waterproofing with solar reflectance

1. Open the bucket and stir well before use.
2. Coating the primer layer by use **weberdry SUN BLOCK** mix with cleaned water ratio 1:4 by volume and, apply on surface then, leave it to dry 2-4 hours in between (or not sticky when touch by hand).
3. Apply **weberdry SUN BLOCK** by bush or roller on the primer layer. This step can use **webertape fibermesh 5** and/or **webertape fibermesh 100** and/or **weberdry fleece PE60** for reinforcement, immediately install after coating **weberdry SUN BLOCK**, leave it to dry 2-4 hours in between.
4. Apply **weberdry SUN BLOCK** (2nd layer) vertically until having total thickness of 1 mm. at least (for solar reflectance) or 1.5 mm. at least (for waterproofing), **weberdry SUN BLOCK** gets full resistance properties after 7 days coated.

Caution

1. For new concrete must be more than 28 days old and other cementitious surfaces more than 7 days old of cured.
2. Do not use **weberdry SUN BLOCK** while raining.
3. **weberdry SUN BLOCK** will have the effectiveness after 24 hours and, will have the highest effectiveness 7 days after installation.
4. **weberdry SUN BLOCK** can use for waterproofing and can tiling on it but please note it not suitable for long term water ponding.
5. **weberdry SUN BLOCK** is able resistance water immersion about 30 days.

Application areas

weberdry SUN BLOCK is suitable for solar reflectance and waterproofing for many area such as roofstop, roofs, deck, walls, Gypsam board, metal sheet roofs,etc.

SHELF LIFE AND STORAGE

- One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket.

Technical data

Items	Properties	Standard	Level of requirements	Results
1.	Resistant to temporally water; do not dissolving with the water	-	Pass of water immersion more than 30 days	Pass
2.	Water impermeability (+1.5 bars)	EN 14891	No penetration	Pass
3.	Water absorption: coated with NSG concrete	ASTM C 642	≤ 5%	0.25%
4.	Bond to concrete	EN 1015-12	≥ 1.0 Mpa	3.02
5.	Initial adhesion strength	EN14891-A.6.2	≥ 0.5 N/mm²	2.24
6.	Adhesion strength after contact with chlorinated water	EN14891-A.6.8	≥ 0.5 N/mm²	1.12
7.	Adhesion strength after contact with lime water	EN14891-A.6.9	≥ 0.5 N/mm²	1.04
8.	Adhesion strength after water immersion	EN14891-A.6.3	≥ 0.5 N/mm²	1.05
9.	Adhesion strength after heat aging	EN14891-A.6.5	≥ 0.5 N/mm²	2.13
10.	Elongation at break after 7 days	ASTM D 412	-	>500%
	Tensile strength after 7 days			1.16
11.	Solar reflection	JIS R3106:1998	≥ 80%	Pass
12.	Weather resistant emulsion paints Exterior	TIS.2321-2549	Pass requirements of TIS.2321-2549	Pass
13.	Solar heat reductive emulsion paints	TIS.2514-2553	Pass requirements of TIS.2514-2553	Pass