

WEATHERCOAT SYSTEM:

PRODUCT DESCRIPTION

1. **TERRACO WEATHERCOAT** is two component, cement based, acrylic modified waterproof coating. The powder component consists of specially selected cements, silica and reactive fillers. The resin component of blended polymers and wetting agents. Once mixed and applied the product forms a flexible, permanent waterproofing system.
2. **TERRACO WEATHERCOAT** has excellent adhesion to porous and non-porous surfaces; it will adhere to new and old surfaces of concrete, asbestos, bitumen, tiles, granite, galvanized steel, etc.
3. **TERRACO WEATHERCOAT** has long-life flexibility and is ideally suited for use in areas of extreme climatic conditions. Once cured it can be walked upon uncovered. Applied **TERRACO WEATHERCOAT** has high resistance to chemical attack, atmospheric pollution and UV light.

SELECT YOUR RATIO:

One of the major advantages of **TERRACO WEATHERCOAT** is that the flexibility of the coating can be varied to suit specific requirements by increasing or reducing the mix ratio as follows:

Mix Proportion

	Mixing Ratio		Characteristics
	Resin	Powder	
1	1	1	Very flexible, light.
2	1	2	Moderate flexibility.
3	1	3	Light traffic.
4	1	4	Heavy / high traffic.

Depending upon the requirement the flexibility and hardness can be selected. If both flexibility and hardness are required a different ratio can be used for each coat to give the desired effect.

PRODUCT FEATURES:

- Permanent waterproofing.
- Abrasion resistant.
- Non-toxic, ideal for potable water reservoirs.
- Weather resistant.
- Excellent adhesion properties.
- Highly flexible.
- Vapour permeable.
- Compatible with cementitious toppings.
- Ideal for coating small movement cracks.
- High resistant to chloride ion diffusion.
- Economical.
- Does not require skilled labour.
- Can be easily repaired.
- Eliminates saponification that attacks surface paints.
- Suitable for light pedestrian traffic.
- Eliminates efflorescence that results from ingress of water from backfill.

AREAS OF USE:

- Roofs.
- Facades.
- Tie rod holes.
- Wet floors.
- Planters.
- Fountains and weirs.
- Basement walls.
- Retaining walls.
- Water tanks.
- Service pits.
- Sewage and seawater channels.
- Swimming pools and patios.
- Foundations.

SURFACE PREPARATION:

1. The concrete surfaces to be treated with **TERRACO WEATHERCOAT** should be clean, sound and free from oil or grease. All loose materials should be removed.
2. Spalled concrete should be repaired; wax base curing compounds and form release agents used should be removed, unless polymer type water based systems have been used, to avoid de-bonding problems.
3. In order to achieve a surface suitable to receive the **TERRACO WEATHERCOAT** system on block surfaces, a skim coat using sand/cement mortar, mixed with Acrylic Bonding Agent, **TERRACO TERRABOND A**, should be applied.

MIXING:

TERRACO WEATHERCOAT is supplied in pre-weighed components. Pour the resin component into a clean bucket and add the specified amount of water. Add the powder component slowly while mixing with a drill type mixer with a spiral head attachment.

APPLICATION:

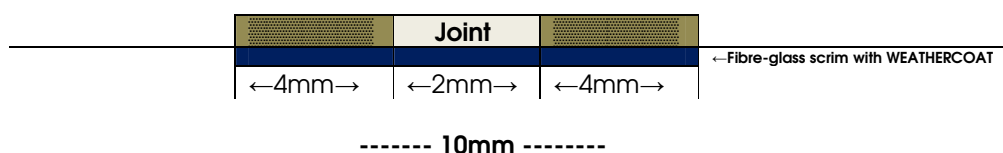
Apply one coat of **TERRACO TERRABOND A** (1:3 with water) as a primer coat. Allow to dry (4 hours at ambient temperature). Additional coats of **TERRACO TERRABOND A** may be necessary, if the surface is very porous. Apply 1st coat of **TERRACO WEATHERCOAT** onto the primed surface using a brush, roller or spray.

Work material into corners / crevices, over ridges, etc. Ensure that the surface is completely covered.

Further coats should be applied once the previous application has dried so as to achieve the required thickness. At the joints between concrete and hollow block elements, 100mm fibreglass mesh reinforcements should be embedded into the 1st coat of the **TERRACO WEATHERCOAT** layer to prevent possible cracks.

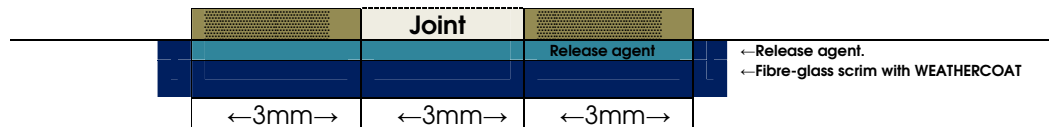
TREATMENT OF JOINT:

Where joints are present they should be coated with a 1:1 mix of resin and powder and a fibreglass scrim as illustrated below.



On larger joint a floating joint can be used by first applying, a release agent on the joint. The release agent should be applied across the joint so that the agent covers as follows:

On a 3mm joint you need a 9mm coat of release agent over the joint and then apply a 15mm scrim. This increases the area of coating, which can accommodate expansion and contraction and reduces the stress on the coating as follows:

**MIXING:**

1. Decant the entire resin component into a clean container with a 20 litre capacity.
2. Add the powder whilst mixing with a drill type mixer with a spiral head attachment.
3. Ensure the resulting mix must be lump free.

APPLICATION FOR ROOF:

1. The roof must be clean
2. The scrim is applied on joints and around drain pipes and parapets imbedded into the **TERRACO WEATHERCOAT**.
3. On porous surfaces and on surfaces that show signs of flaking or
4. Dusting apply Penetrating primer immediately before application of **TERRACO WEATHERCOAT** as wet-on-wet application is recommended. So ensure that the **TERRACO WEATHERCOAT** is mixed before the penetrating primer is applied.
5. Apply one coat of **TERRACO WEATHERCOAT** overall and allow to dry overnight.

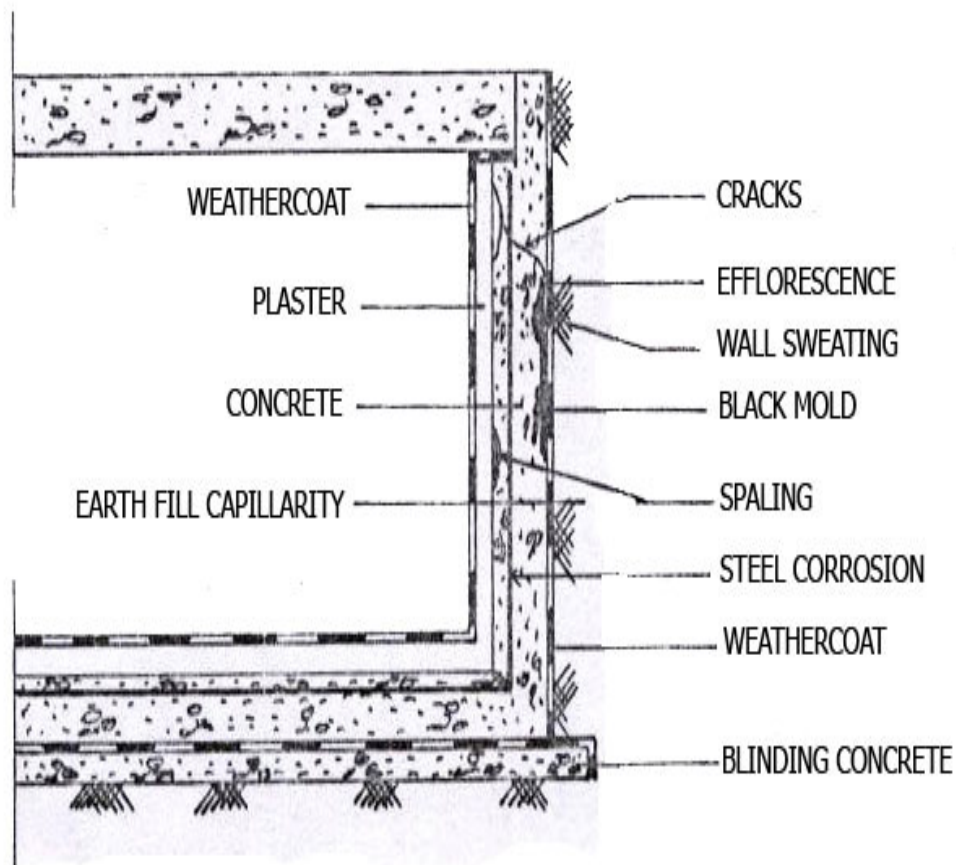
APPLICATION FOR WET AREAS (BATHROOM FLOORS):

TERRACO WEATHERCOAT must be used as a sandwich waterproofing layer in bathroom floors, kitchen floors, etc. (It is preferable to apply cement mortar / sand of 5cm thickness after 48 hours of **TERRACO WEATHERCOAT** application).

1. Ensure that the surface is clean and dry and free from any dust, dirt any foreign matter.
2. Apply one coat of **TERRACO TERRABOND A** (1:3 with water) as a primer coat.
3. Fix fibreglass scrim on joints and around drain pipes.
4. Apply one coat of **TERRACO WEATHERCOAT** mix (**TERRACO WEATHERCOAT POWDER & RESIN** in the ration 3:1 by weight) using a brush, roller or spray equipment and let it dry overnight.
5. Apply 2nd coat of **TERRACO WEATHERCOAT** mix as a final coat (perpendicular to the 1st coat) and let it dry overnight.
6. After 48 hours, apply screed of cement mortar / sand as required.

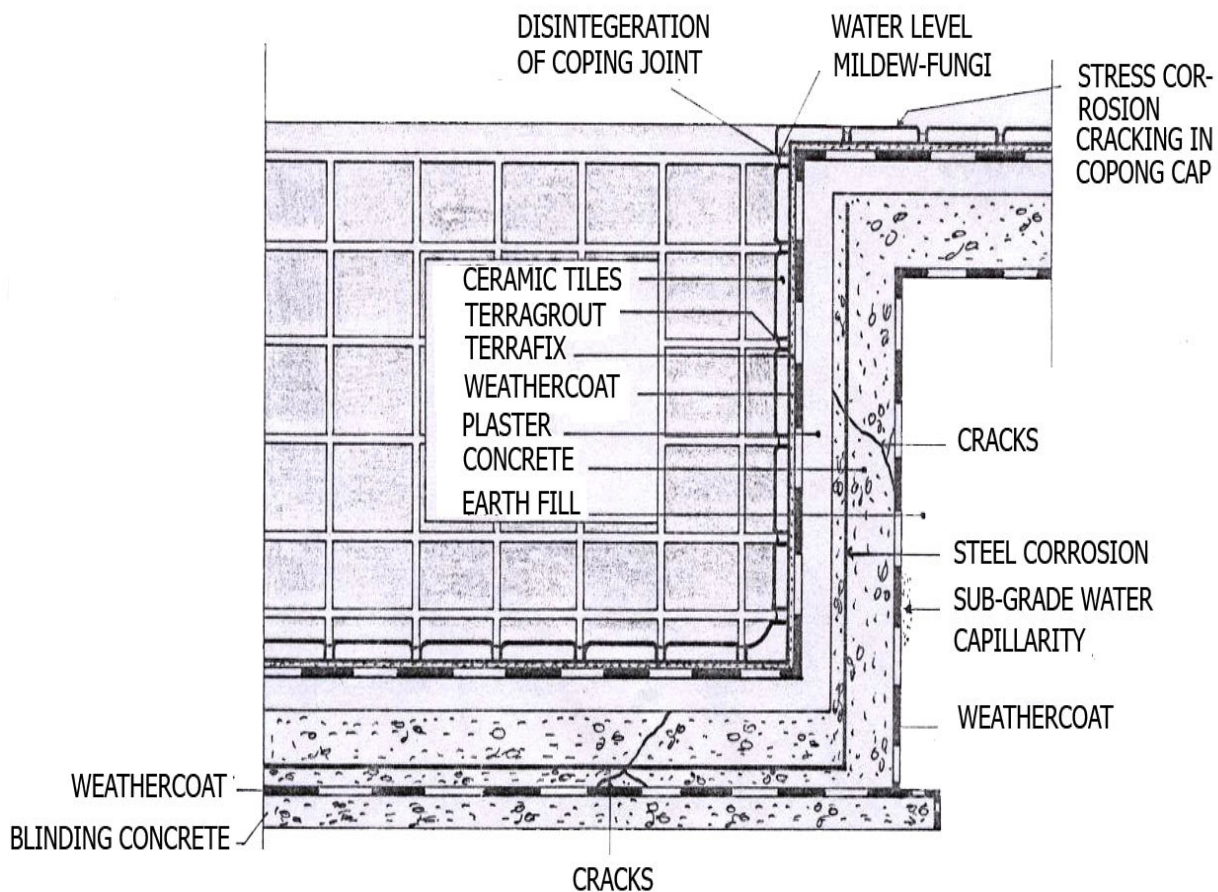
USEFUL HINTS:

1. Always apply the **TERRACO WEATHERCOAT** when the temperature is as close as possible to the mean daily temperature - avoid extremes.
2. Even though **TERRACO WEATHERCOAT** can withstand moderate rainfall within 4 hours of application, at 25 degrees, try to ensure that at least 24 hours of dry weather can be guaranteed after application.
3. Allow 1 week after application before allowing heavy traffic.
4. Always apply **TERRACO WEATHERCOAT** within one hour of mixing.
5. The job is always only as good as the preparation.
6. Apply 2nd coat perpendicular to the 1st coat as far as possible.
7. Work material into corners / crevices, over ridges, etc. Ensure that the surface is completely covered.

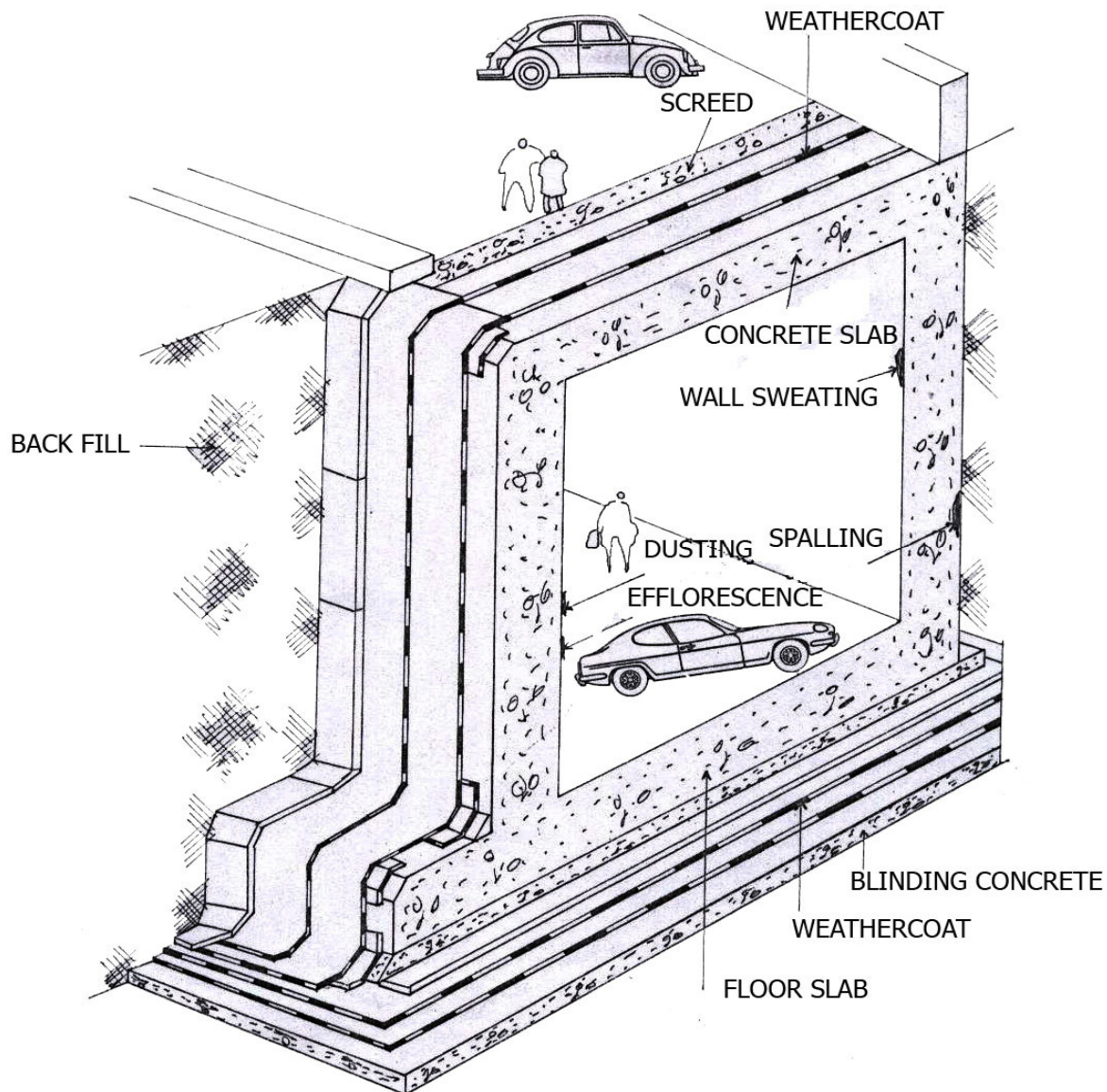
**WEATHERCOAT
ELASTOMERIC WATERPROOFING SYSTEM
WATER TANK:**

Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one the part by weight resin to three parts by weight powder.

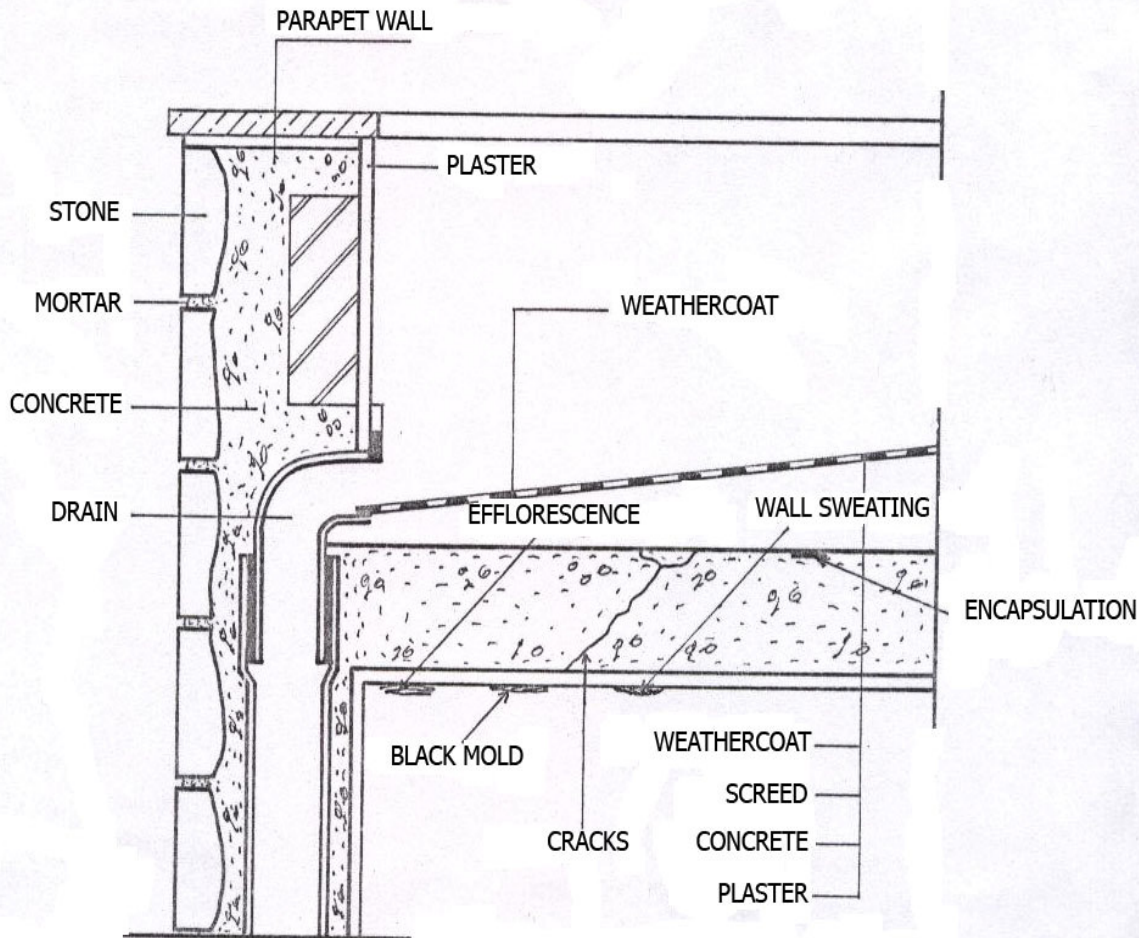
WEATHERCOAT ELASTOMERIC WATERPROOFING SYSTEM SWIMMING POOL:



Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to three parts by weight powder.

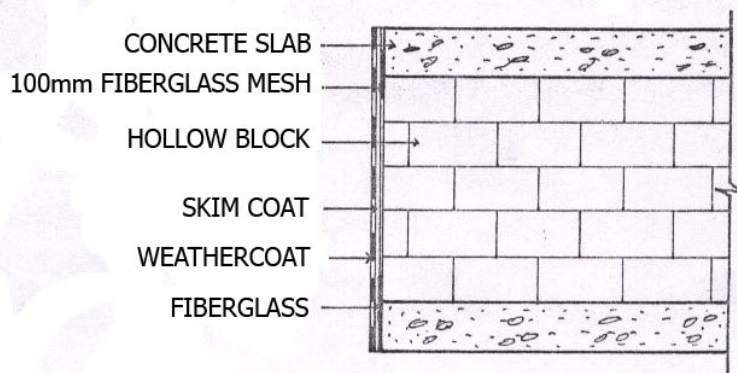
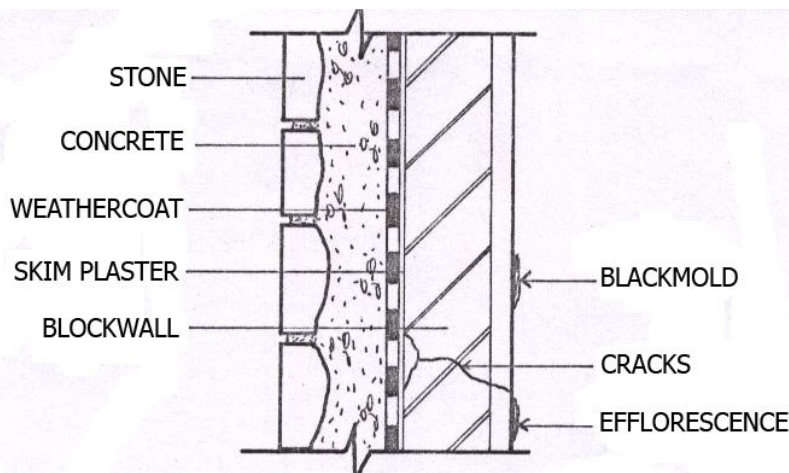
**WEATHERCOAT
ELASTOMERIC WATERPROOFING SYSTEM
CAR PARK FOUNDATION SLAB, WALLS & ROOF:**

Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to three parts by weight powder.

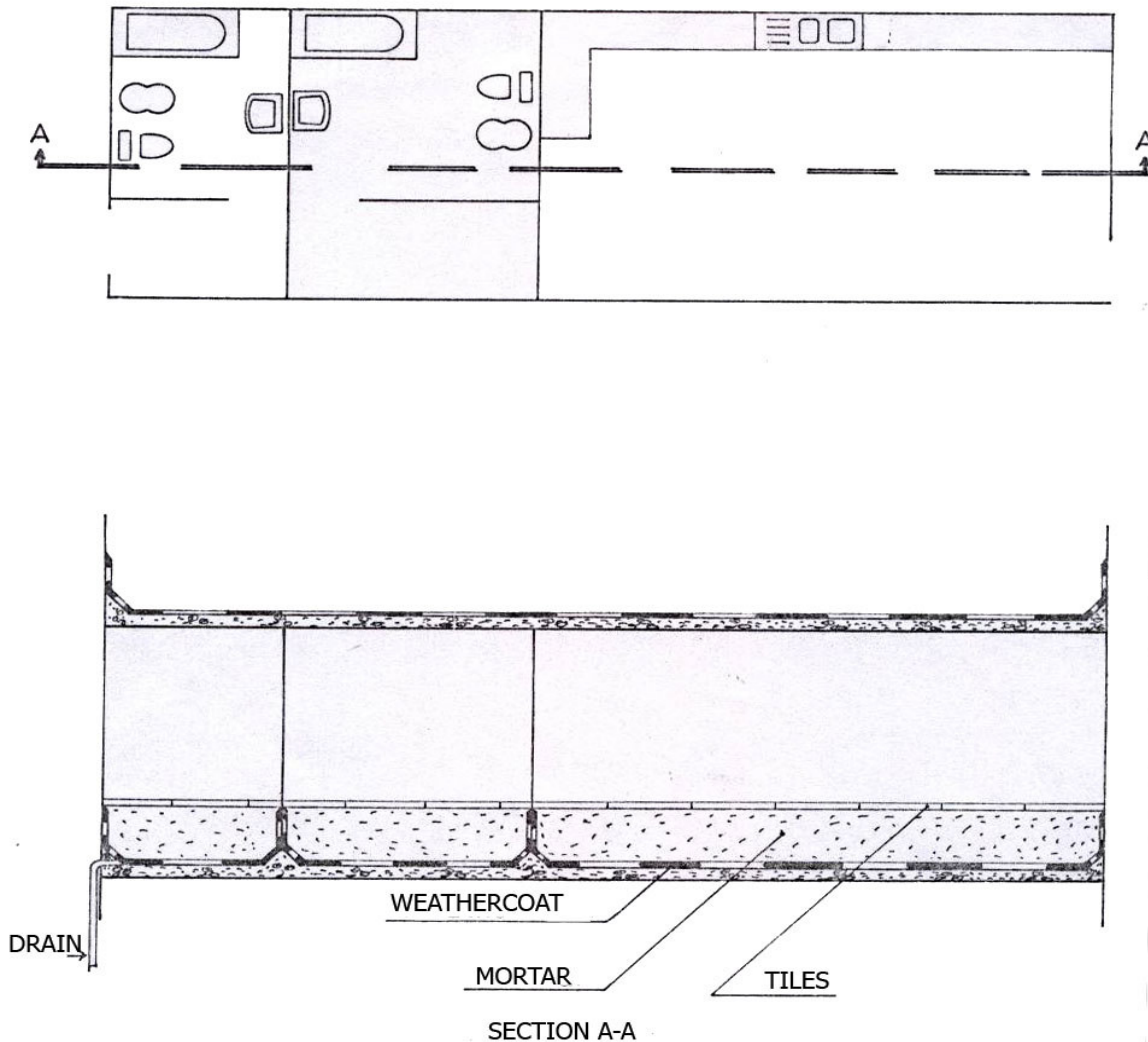
**WEATHERCOAT
ELASTOMERIC WATERPROOFING SYSTEM
ROOF SYSTEM:**

Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to three parts by weight powder.

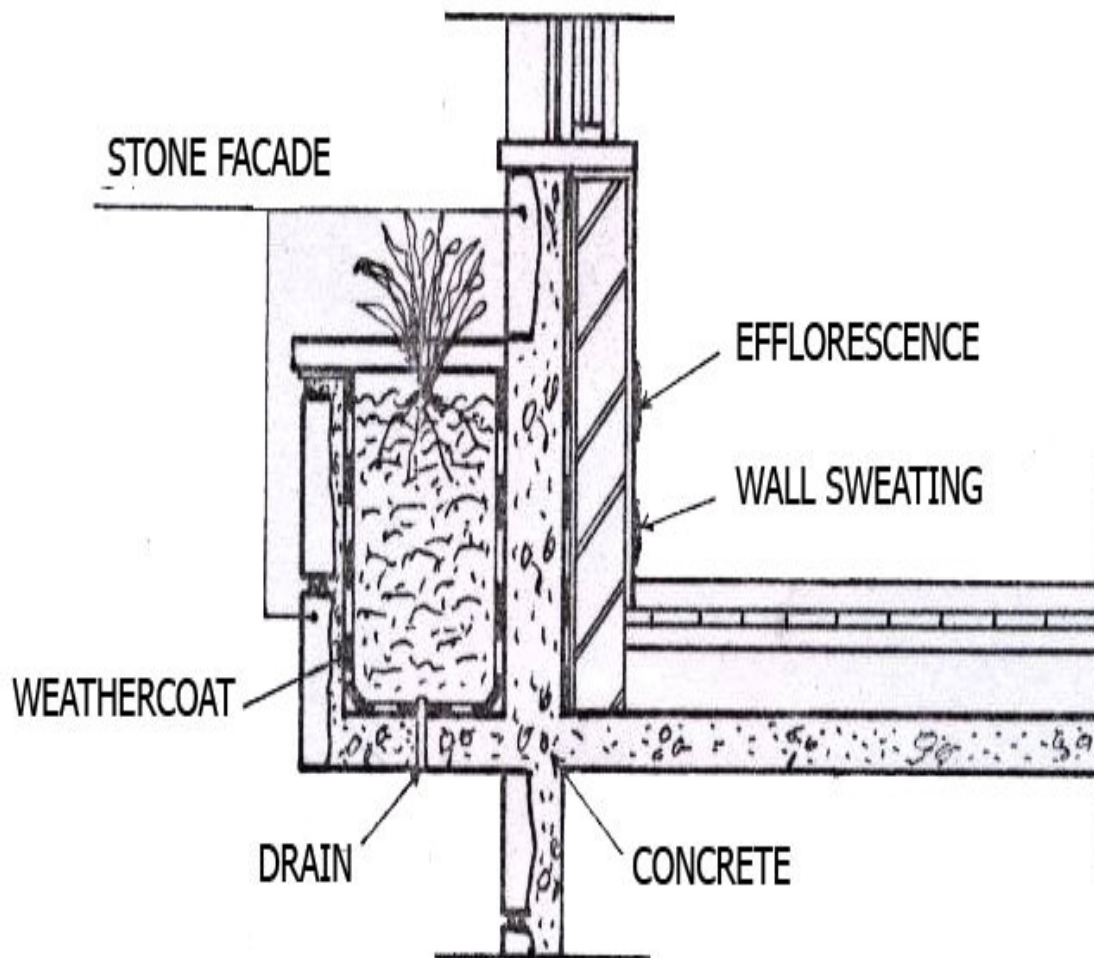
WEATHERCOAT ELASTOMERIC WATERPROOFING SYSTEM STONE CLADDING - TRADITIONAL METHOD:



Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to four parts by weight powder.

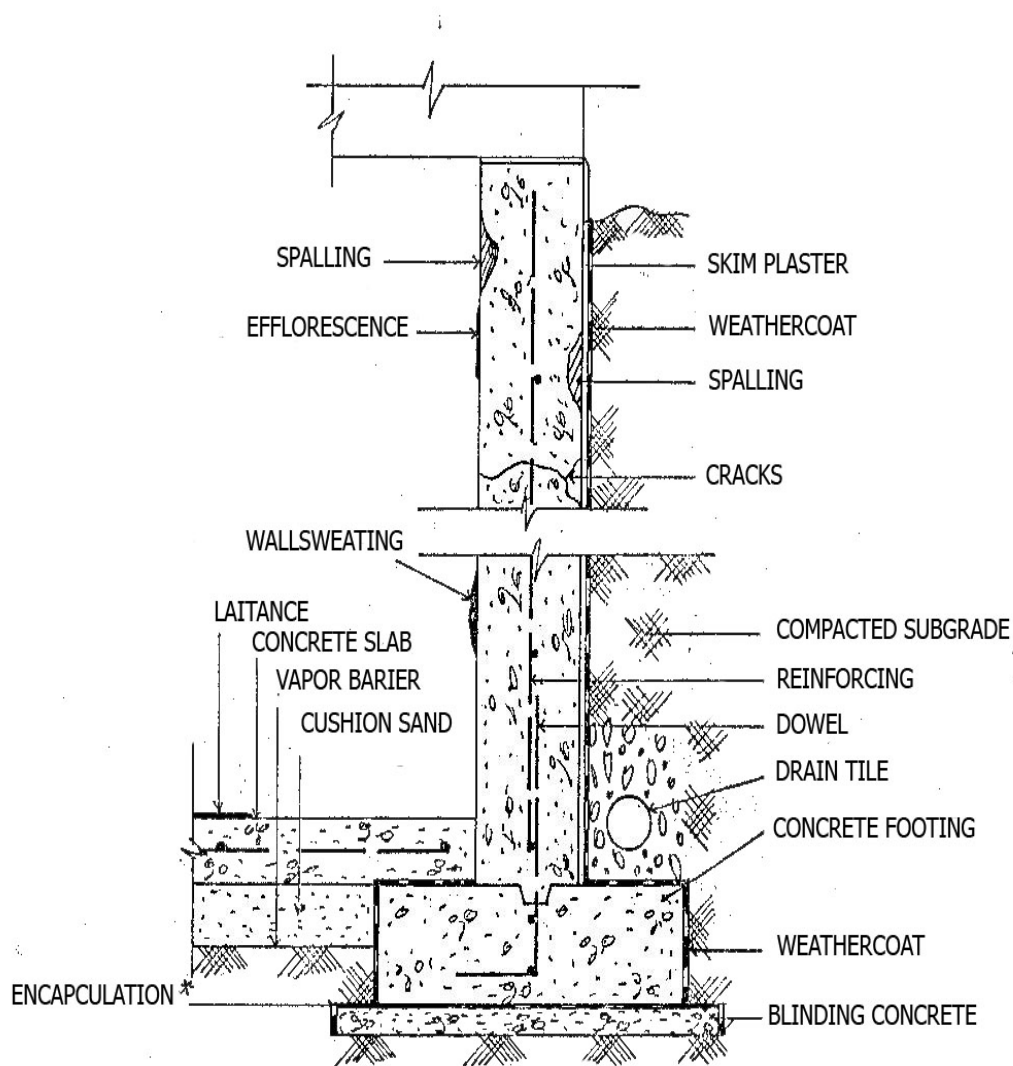
**WEATHERCOAT
ELASTOMERIC WATERPROOFING SYSTEM
WET AREAS:**

Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to three parts by weight powder.

**WEATHERCOAT
ELASTOMERIC WATERPROOFING SYSTEM
PLANTERS:**

Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to three parts by weight powder.

WEATHERCOAT ELASTOMERIC WATERPROOFING SYSTEM FOUNDATION WALL:



Apply two coats of **TERRACO WEATHERCOAT** waterproofing system to the interior and exterior surfaces at the mixing ratio of one part by weight resin to three parts by weight powder.