

# MAXCIS 382-FE

## ***Two Component, Cement Based, Fully Elastic Waterproofing Material***

### **DEFINITION:**

- It is a polymer modified waterproofing material that can be used on damp surfaces.
- Can be used on horizontal and vertical surfaces.
- Provides excellent adherence to the surface on which it is applied.
- It has high elasticity.
- It has crack bridging feature.

### **USAGE AREAS:**

- Foundations
- Plant pots
- Retaining walls
- Balconies and terraces (under ceramics)
- Bathroom, WC, kitchen (under ceramics)



### **SURFACE PREPARATION:**

- The surface must be solid and of sufficient strength.
- Recommended air and application surface temperature is between 5°C and 35°C.
- The application surface must be clean. There should be no rust, dust and oil.
- Weak layer and mortar residues on the concrete surface should be cleaned by mechanical grinding method.
- Concrete repairs should be made with suitable epoxy or cement-based materials.
- Dilatation and chamfers must be prepared with suitable materials.
- The application surface must be damp. The surface must be completely saturated with water, the first 24 hours before application and the second 2-3 hours before application.
- There should be no water accumulation on the surface at the time of application.

### **APPLICATION:**

- Component B is placed in a clean container. While component A is slowly added to component B, mixing continues for 4-5 minutes with a low speed mixer.
- After resting the mixture for 5 minutes, it is mixed again for another 3 minutes to obtain a homogeneous mixture.
- The prepared mixture is applied in 2-3 layers with a brush or suitable spraying machine.
- Layer thickness should be maximum 1 mm and all layers should be applied in the same direction.

- All applied layers should be protected from water, extreme heat and cold for at least 24 hours. (ideal temperature range is 5°C to 35°C).

**TECHNICAL SPECIFICATIONS:**

Test Name	Unit	Value
Density of Mixture (23°C)	g/cm <sup>3</sup>	1,90 ± 0,05
Compressive Strength	Mpa	15-16
Adhesion Strength	N/mm <sup>2</sup>	Concrete: >1,5

**CONSUMPTION:**

- Consumption for each layer is approximately 1,00 kg/m<sup>2</sup>.

**PACKAGING:**

- A (powder) component 20 kg, B (liquid) component 10 kg. Total 30 kg/set

**SELF LIFE AND STORAGE:**

It should be stored in original, unopened and undamaged packages, in dry environments between 15°C-25°C, away from direct sunlight. Shelf life is 12 months.

**WARNING:**

- Before using the product, read the MSDS form carefully and follow the written instructions.
- Personal protective equipment should be used during application.
- There must be sufficient air circulation in the application area.
- Give empty packages to organizations authorized to collect hazardous waste.