

# **EUCO ELASTIC-PLASTER**

## **Elastic coat mortar for water proofing**

### **Description**

**EUCOELASTIC-PLASTER** is a ready to use 2-component Plaster based on cement with carefully graded fine aggregates in combination with selected admixtures and synthetic resins . **EUCOELASTIC-PLASTER** can be highly recommended to waterproof concrete.

### **Main Purpose**

**EUCOELASTIC-PLASTER** is particularly suitable for internal and external waterproofing. Due this high quality, **EUCOELASTIC-PLASTER** offers many application possibilities as for instance for :

- External waterproofing against ground moisture .
- Seeping and subsoil water .
- Swimming - pools
- Containers
- Water reservoirs
- Sewerage plants
- Septic tanks
- Balconies
- Garage and industrial flooring (under a hard surface)

Because of its gray or white Colour, **EUCOELASTIC-PLASTER** can also be internally used .Paint should not necessary be applied afterwards .

### **Advantages**

**EUCOELASTIC-PLASTER** can bridge elongation of cracks up to 30% at 23°C . **EUCOELASTIC-PLASTER** can be used also for internal work .It adheres very good on a proper cleaned concrete surface .

**EUCOELASTIC-PLASTER** is impermeable under positive and negative loads .Only a thin coat has to be applied .

### **Application**

Cement bound surfaces must be firm , offer good traction ,be free from grout ,dust dirt and additionally free of oil ,grease and other impurities, which can adversely affect uniform adhesion . Afterwards the concrete surface has to be completely saturated with water .Then apply on the wet concrete surface

## EUCEOELASTIC-PLASTER .

Properties	comp.A	comp.B
Appearance	powder	
liquid		
Colour	gray or white	white
Bulk weight approx.	1,3	--
Specific weight approx.	--	1,05 g/cm <sup>2</sup>
Mix ratio by weight	13	8
Pot life at 20oC		
Approx. (hours)		3
Re-workable at 20oC		
Approx. (hours)		24

### Elastic coat mortar for water proofing

	Comp-A	Comp-B
Re-workable at		
Approx.(hours)20oC	24	
Thorough hardened at		
Approx.(hours)		2
Breaking length at 23oC		
Approx. (hours)	30%	
Resistivity to water vapour	1/kg =14 m <sup>2</sup> . h.pa/mg	
Water vapour conductivity	9,9.10 <sup>-5</sup> mg/m.h.pa	
Shelf life (comp . APB)	well closed , dry stored up to 1 year	
Minimum hardening temperature		+ 3oC

### Consumption

For waterproofing of the concrete surface 2 coats are required .  
 Required total thickness is 3 mm .  
 Total required consumption : 1m<sup>2</sup> a<sup>^</sup> 3 mm = 3 liter = approx.  
 4,5 kg - 6 kg .

-Mix the two components correctly and thoroughly ! Best results can be achieved with a mechanical stirrer with a max. of 300 r.p.m. (a slowly revolving drilling or boring machine , fitted with a whirl) .

It must be mixed until the two components become homogenous .

- First coat : apply on the wet concrete surface  
**EUCOELASTIC-PLASTER** with a toothed trowel  
(thickness approx. 2 mm )
- Second coat : approx. 1 day later apply with a normal trowel  
**EUCO-ELASTIC-PLASTER**  
(thickness approx. 1 mm ) .
- Horizontal areas can be applied by brush .
- A small amount of water may also be added to the  
**EUCOELASTIC-PLASTER** to  
improve the workability ,if required .

**Colour**

Light gray and white .

**Packing**

Bags containing 10.5 , kg