

## **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 23oC . **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

## EUCOELASTIC-PLASTER .

<b>Properties</b>	<b>comp.A</b>	<b>comp.B</b>
Appearance liquid	powder	
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 20°C		
Approx. (hours)		3
Re-workable at 20°C		
Approx. (hours)		24

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

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

### **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' 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