

# EMULZER® PLUS

## BITUMINOUS WATERPROOFING LIQUID MEMBRANE

### DESCRIPTION:

EMULZER® PLUS is a ready-to-use single component liquid bitumen solution with highly elasticising additives.

After application the solvents evaporate and EMULZER® PLUS becomes an elastic strong layer against water.

### APPLICATION AREAS:

EMULZER® PLUS can be applied against ground humidity, percolating water, moisture and leakages at building exterior surfaces, balconies, roofs, terraces and foundations, at retaining and curtain walls, galleries, drainage and foundation piles, hidden internal valleys, water channels and pools.

In higher-pressure applications, EMULZER PLUS® can be applied with glassfibre or waterproofing fabric reinforcement as well.

EMULZER® PLUS can be applied for regeneration on old bituminous roofing membranes.

### TECHNICAL SPECTS:

Content	: modified bitumen and solvent
Thinner	: solvent
Color	: black
Consistency	: as paint(thixotropic)
Specific gravity	: 0,98 g/cm <sup>3</sup>
Viscosity	: 595 cP
Softening point	: +86°C
Application temperature	: between +5°C to +35°C
Application tools	: brush or airless spraying
Solid content	: % 65
Elongation	: % 900
Elastic recovery	: % 90
Curing time (20°C, % 65 humidity)	:
Air dry	:20 minutes
Completely dry	: 2 hours
Hard	: 4 hours
Test dry	: 48 hours

### ADVANTAGES:

It is very easily applicable by anybody.

In comparison to conventional bituminous waterproofing materials, it is much more resistant to atmospheric conditions.

It is highly elastic. (900% min.)

Higher-pressure applications are possible by using glass fibre or waterproofing fabric reinforcement as well.

Emulzer plus ensures a seamless insulation on vertical or horizontal surfaces where it is applied.

It is ready to use. No heating or thinning is required.

It is cold applicable and dries fast.

Very economic.

It is highly adhesive on most building materials and metals.

### SURFACE PREPARATION:

Surface must be dry and clean before application.

Any loose pieces, dust, oil, grease should be removed.

Sharp tips and horizontal/vertical joints which are suitable cracking, must be chamfered.

On metal surfaces **EMULZER® CSP**, on non-metal surfaces **EMILKOTE®** shall be used as primer to clean from dust, to improve adhesion and therefore improve life of application.

Big pores and cracks must be filled with **EMULDERZ®** joint filler paste.

**APPLICATION:**

EMULZER® PLUS SHALL be applied to that surface of the wall, which will be in contact with water (positive pressure). It is ready to use. No heating or thinning is required. It can be applied by brush or airless sprayers.

Although EMULZER PLUS® is a fast drying type of solution (2 hours approximately), every next layer should better be applied next day.

To obtain higher resistance or in case of cracks glassfiber or nonwoven polyester-fleece can be used. For exposed and non-walking roofs, **ALUTEC®** shall be applied as topcoat, so a solar protection and aesthetic look may be obtained.

**TOOLS CLEANING:**

After application, tools can be cleaned with solvents.

**CONSUMPTION:**

At least two layers and a total of 1,5 kg / m<sup>2</sup>

**PACKAGING:**

Net 16 kg metal pails  
Net 200 kg metal drums

**CAUTIONS:**

Keep away from sources of ignition - no smoking (S16)

Do not breathe vapor (S 23)

In case of insufficient ventilation, wear suitable respiratory equipment (S 38)

Keep container tightly closed (S 7)

Keep in a cool place (S 3)

Keep away from heat (S 15)

Keep out of reach of children (S2).

The eyes and the skin should be protected while working with all kinds of chemicals. (S 24/25)

Because this bulletin has been prepared considering the general conditions only, for the details except for the ones written above, please request additional written information otherwise no responsibility will be assumed due to the faults arising because of the insufficient data.

This technical bulletin invalidates the previous ones regarding this product.