

EMÜLZER® PLUS ANTI-ROOT

SUPER ELASTIC LIQUID BITUMINOUS MEMBRANE MODIFIED WITH ROOT INHIBITING ADDITIVES

DEFINITION:

EMÜLZER® PLUS ANTI ROOT is a single-component, modified bitumen and solvent-based, ready to use waterproofing liquid membrane containing root inhibiting additives. By the evaporation of the solvent, it adheres firmly to the surface it is applied, forming a seamless durable waterproof and anti-root film.

USAGE AREAS:

EMÜLZER® PLUS ANTI ROOT can be used:

Against rainfall in terrace gardens and;

For waterproofing underground garages and other structures which are covered with soil;

Against ground humidity and leakage in foundations, foundation piles, retaining walls and curtain walls;

For waterproofing galleries, and drainage and water channels.

TECHNICAL SPECIFICATIONS:

BASE	: Modified Bitumen
THINNER	: Solvent
COLOR	: Black
CONSISTENCY	: Thick, Liquid
DENSITY	: 0,98 g/cm ³
SOFTENING TEMPERATURE	: +86°C
APPLICATION TEMPERATURE	: +5°C to 35°C
APPLIED BY	: Roller, Rake or Sprayer
SOLID SUBSTANCE RATIO	: 65%
BREAKING ELONGATION	: 1000%
ELASTIC RECOVERY	: 90%
SETTING TIME (at 20° C, 65% relative humidity):	
TOUCH DRY	: 20 Minutes
INITIAL SETTING	: 2 Hours
FINAL SETTING	: 4 Hours
TEST DRY	: 48 Hours

ADVANTAGES:

By inhibiting growth of plant roots, it protects the insulation system and the building from any damage which may be caused by root formation.

It can be easily applied by anyone.

It provides a seamless insulation coat.

It is very elastic. (1000%)

It is ready to use.

As a cold application, it does not require heating or thinning.

It dries fast.

To ensure perfect durability against higher pressure, it can be reinforced by glass fabric, felt or insulation fabric.

SURFACE PREPERATION:

The surface to be treated must be clean, dry, and free from dust, dirt, rust and grease. Loose parts must be scraped off completely.

Any parts prone to cracking such as pointed tips, edges, and horizontal/vertical intersections must be beveled and rounded.

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

Bigger pores and cracks must be filled with EMÜLDERZ joint filling paste.

APPLICATION:

EMÜLZER® PLUS is applied only to the side contacting with water. As a ready to use material it does not require heating or thinning. It can be applied with a brush, roller, rake or airless pump. To ensure strong adherence, avoid dust, and improve durability, non-metallic surfaces must be undercoated with EMILKOTE®, and metallic surfaces must be undercoated with EMÜLZER C.

Although EMÜLZER® PLUS ANTI ROOT dries as fast as in approximately 2 hours, it is recommended to wait for a day before the application of the next coat. To ensure perfect durability against higher pressure, it must be reinforced by bearing materials such as glass fabric, felt, and insulation fabric.

EMÜLZER ASFALTEVİ TECRİT MADDELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

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CLEANING THE EQUIPMENT:

After the application the equipment can be cleaned by using industrial solvents.

CONSUMPTION:

600 g/m² for each application. It must be applied at least in three coats.

PACKAGING:

BARCODE NO: 8697416530737 Net 17 kg metallic pail
Net 200 kg metallic barrel

CAUTIONS:

It is flammable. Keep away from sources of ignition - no smoking (S16)

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

Do not breathe vapor (S 23)

Keep in a cool place (S 3)

Keep away from heat (S 15)

Keep container tightly closed (S 7)

Keep out of reach of children. (S 2)

Avoid skin and eye contact when working with any chemicals. (S 24/25)

This technical bulletin is based on general conditions. Thus you are requested to demand our written approval for any detail which is not clearly mentioned above. Otherwise we disavow any responsibility for any problems which may arise.

This technical bulletin invalidates any former bulletin about this product.