



# H-44

## Insulation Mortar

### About Product

**H-44** is a highly efficient waterproofing mortar. It is applied in 4 to 6 mm thickness on clean cement surfaces for negative and positive water pressure and provides ease in application.

#### Where can it be applied?

On external walls (positive pressure), internal walls (negative pressure), foundations, underground walls, floors, swimming pools, tunnels.

وهي مواد جافة (A) + سائلة (B) تنفذ بسماكة تتراوح بين 4mm إلى 6mm فوق السطح البسمنتي بعد تنظيفها جيداً تتميز بعزل مائي سلبي و إيجابي مضمون + سهولة في التنفيذ.

أمثلة حول أماكن التطبيق:

الحدان الخارجية (إيجابي) و الداخلية (سلبي) أساسات- حدان النقبية (السرديب) - المسابح الارضيات - الانتفاق-أقنية الري- وأحواض الزهور وكافة أحواض الماء البسمنتي والسدود وتؤمن إلصاق على الحديد و الخشب.

طريقة خلط المواد:

يسكب السائل (B) في سطل نظيف أولاً ثم تضاف المواد الجافة (A) بالتدريج أثناء الخلط بخلط ميكانيكي للحصول على القوام المناسب ويمكن إضافة القليل من الماء في حال الحاجة.



**H-44** is a copolymer powder of vinyl acetate and ethylene. It is dispersible in water and has very good saponification resistance. Because of its relatively high ethylene content, this resin is soft and flexible. Its glass transition temperature is below freezing point. Compounds modified with H-44 exhibit improved adhesion, flexural strength in bending, deformability, abrasion resistance and are easier to process. Leveling, thixotropy and water retention are essentially unaffected. The product is ideal for use in combination with other mortar additives intended to enhance specific properties.

H-44 contains a fine mineral filler as an antiblocking agent. It is free of solvents, plasticizers and film-forming agents.



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The Cement materials are applied in thickness ranging from 2 mm to 6 mm

Above the cement surfaces after cleaning well characterized by negative water insulation and positive content and ease of implementation

Examples of application locations;

Outdoor walls (positive) and interior (negative)

Basements foundations Basements basement –

Swimming pools Flooring – Spending –

Irrigation water – Flower basins and all the ponds

of cement May and dams and provides adhesion to iron and wood

Method of mixing materials

Pour the water into a clean pail first, then add the dry materials gradually during mixing with a mechanical mixer to get the proper texture and add a little water when needed, then add the dry materials gradually during mixing with a mechanical mixer to get the proper texture and

### Treatment and isolation of concrete with nanotechnology



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