



Germany guarantee

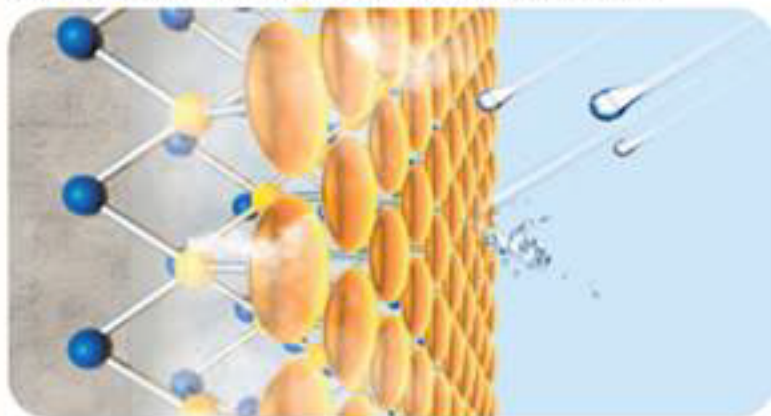
# HYPER

Insulation Adhesive

## Help You when you need

### Special features

H-45 has no effect on rheological properties and is a low-emission, general purpose powder in the lower Tg range. It is suitable for formulating highly flexible compounds with very good adhesion to organic substrates (polystyrene).



Application	Recommendation	Suitability
EIFS	Adhesive mortars	●
	Embedding mortars	●
Waterproofing membranes	Flexible systems	●
	Rigid systems	●
Concrete repair mortars	PCC	●
Tile adhesives EN 12004/12002 C1/C2	Thin-bed mortars	○
	Thin-bed mortars, flexible	●
	Flow-bed mortars	●
Floor/Wall troweling compounds	Fine leveling compounds	○
	Coarse leveling compounds	○
Skim Coats	Indoor	○
	Outdoor	○

● highly recommended ○ recommended

### Product data

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##### Specification data

	Inspection Method	Value
Solids content	DIN EN ISO 3251	98 - 100 %
Ash Content	specific method	8 - 12 %
Bulk density	DIN EN ISO 60	400 - 550 kg/m <sup>3</sup>

##### Typical general characteristics

	Inspection Method	Value
Appearance	Visual	white powder
Protective colloid / emulsifier system	specific method	polyvinyl alcohol
Particle size	DIN EN ISO 4610	Max. 4 % over 400 µm
Predominant particle size redispersion	specific method	1 - 7 µm
Minimum film forming temperature	DIN ISO 2115	0 °C
Film properties of the redispersion	specific method	cloudy, flexible

# H-45

Thermal insulation  
& waterproof mortar



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# H-45

Thermal insulation & waterproof mortar

## About Product

**H-45** Undeveloped material in addition to fiber bristles to increase the resistance to cracking of the high flexibility and tropical Resume with super insulator specifications in the positive and negative pressure, a dry material is added to the water. Implemented a thickness ranging from 4mm to 150mm above the concrete surfaces are cleaned well characterized by the removal of a water content of the negative and positive + ease of implementation.

### Where can it be applied?

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

مادة ذات اساس اسمنتى مطورة مضاف إليها شعيرات الفايبر لزيادة المقاومة للتشقق وذات مرونة عالية واستوائية ذاتية ذات مواصفات عازل فائقة في الضغط السلبى و الإيجابى وهي مواد جافة يضاف إليها الماء تنفذ بسماكة تتراوح بين 4mm إلى 150mm فوق الأسطح الإسمنتية بعد تنظيفها جيداً تتميز بعزل مائى سلبى و إيجابى مضمون + سهولة في التنفيذ.

### أمثلة حول أماكن التطبيق :

الجدران الخارجية (إيجابي) و الداخلية (سلبى) أساسات-جدران القنينة (السرديب) -المسابح الأرضيات - الانفاق-أقنية الري-وأحواض الزهور وكافة أحواض الماء الإسمنتية والسدود - مكان التقاء كتلتين من الاسمنت -حول الانابيب البلاستيكية

### طريقة خلط المواد:

تضاف المواد الجافة إلى حوالي لتر ونصف من الماء تدريجياً وتخلط ثم تترك لمدة 3 دقائق ونعيد الخلط مرة ثانية وتكون المواد جاهزة للاستخدام مباشرة

ملاحظة : يجب أن يكون السطح المراد تطبيق المادة عليه نظيفاً ورطباً للوصول لأفضل النتائج.



**H-45** 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-45 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-45 contains a fine mineral filler as an antiblocking agent. It is free of solvents, plasticizers and film-forming agents.



## العزل بمفهوم النانو

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