EUROTILES CRYSTAL CRETE 206 is a single component cementitious waterproofing system that uses the crystallization process to waterproofing concrete surfaces. The active chemical block the infiltration of water and other liquids to the concrete by means of crystallization, this happens when the chemicals react with the moisture, resulting in crystalline formation within the pores and capillary tracts of the concrete, thus block and ground hydrostatic pressure.

USES

- It can be used on interior and exterior below grade surfaces and protects the concrete from decay and waterborne corrosive salts. Eurotiles Crystal Crete 206 has a strong resistance to impact abrasion thus it can be used on horizontal structural slabs against hydrostatic pressure and negative waterproofing of concrete structure.

ADVANTAGES

- For interior and exterior below grade surface
- Can be used for positive and negative waterproofing
- Provides tough resistance to impact and abrasion
- Easy to apply

TECHNICAL DATA

	days	mpa	psi
Compressive Strength	7	39.26	5695
	28	41.16	5970
Adhesion	-	> 0.1	-
Resistant to hydrostatic	28	> 0.9	-
Coverage	1-1.5kg/m²/coat		
Packaging	20 kg/pail		
Storage	cool, dry place		
Shelf life	12 months (unopened container)		

HOW TO USE

A. Substrate Preparation

- The substrate must be clean and sound, free from any dust and other loose particles and without any trace of oil.
- Dampen the substrate with a wet sponge before application.
- Do not allow freestanding water during the installation.

B . Product Preparation

- Open the pail of Eurotiles Crystal Crete 206 and pour in 7 to 7.5 liters of clean water and gradually mix the compound with a mechanical stirrer. Mix for 2 minutes or until a homogeneous, smooth, lump-free consistency is achieved.

C. Application

- Using a trowel, roller or block brush, apply a minimum of two coats in perpendicular direction. After the first coat make sure it is sufficiently set before applying the 2nd coat so that it is not drawn off whilst applying the second coat. At no instance should the total thickness exceed 5mm in a single application.

D. Dry shake method for positive and/or negative waterproofing

- For positive waterproofing: sprinkle Eurotiles Crystal Crete 206 powder at the rate of 2 kg/sqm evenly onto the lean concrete substrate just before the pouring of the concrete. For negative waterproofing: after the first sprinkle and pouring of concrete, sprinkle again Eurotiles Crystal Crete 206 directly onto the substrate at the rate of 3-3.5 kg/sqm evenly and trowel to the required finish.

E. Curing

- After the Eurotiles Crystal Crete 206 coating has hardened, cure the treated surface with a light mist of clean water at regular intervals of three times a day for the initial 2-3 days. In extremely hot weather, the curing may have to be extended to several days.

PRECAUTIONS

- Temperature range: 5°C- 35°C
- Do not add hydraulic binders, cement, sand and/or admixtures
- Do not apply on active cracks

DISCLAIMER: Due to different working methods, the manufacturer is not liable for any damages and faulty outcomes arising from incorrect use of this product. Please follow the instructions mentioned above.

PRODUCT MADE IN TAIWAN

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