

AQUADERE TP

SOLVENT-FREE ADHESION PRIMER FOR CIVIL ENGINEERING APPLICATIONS

USE

AQUADERE TP is a solvent-free primer based on elastomeric bitumen and water which ensures good adherence of bituminous waterproofing (full or half adherence) under asphalt, ballast or backfill on a variety of substrates (concrete, wood...).

AQUADERE TP has been developed to meet the most stringent requirements in terms of health and the environment and to facilitate their logistics.

This product achieves results similar to those observed with cold bituminous solvent-based primers. It meets most of the requirements required on civil engineering structures.



APPLICATION

The product must be briefly stirred before use. It is applied by brush, roller or squeegee, in one coat, onto a prepared, clean (blown to avoid dust accumulation if necessary) and dry substrate. The tools used must be cleaned and free of traces of solvents as the latter can break the emulsion.

Substrates that are very dry and absorbent must be dampened before application to ensure good adherence. The product must not be applied in the rain.

The drying time depends on the porosity and temperature of the substrate, the ambient temperature, humidity and exposure to sunlight and the wind. A porous substrate, a high temperature and low humidity are all favorable to quicker drying.

DESCRIPTION

AQUADERE TP is a solvent-free primer specifically developed for civil engineering applications requiring high adherence performances.

This product is an elastomer bitumen-based emulsion, which adheres to the substrate and dries as the water it contains evaporates.

SOPREMA prides itself in working with the highest quality products. We operate with quality assurance systems, and are certified ISO 9001.

SAFETY

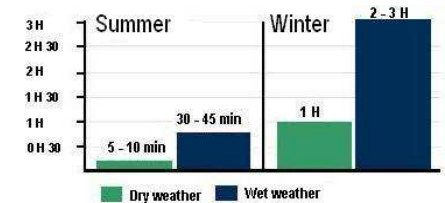
AQUADERE TP is non-flammable, non-toxic and odorless. It can be transported without any particular equipment. Empty pails can be thrown away without specific treatment.

✓ Easy application

✓ Solvent free

✓ Tools can be cleaned in water

CHARACTERISTICS

ESSENTIAL CHARACTERISTICS	Standard	AQUADERE TP													
Physical state		Dark brown liquid													
Density at 20°C	EN ISO 1675	1005 kg/m ³													
Dry matter	EN ISO 3251	44% (±2%)													
Adherence with ANTIROCK P and ANTIROCK BRIDGE (at 20°C)	NF P 98-282 EN 13596	> 0.4 Mpa > 0.7 Mpa													
Flash point	ASTM D56	Non-flammable													
Min. and max. application temp.	+ 5°C / +35°C														
Quantity to be applied	250 to 350 g/m ² on concrete														
Drying time	 <table border="1"> <caption>Drying Time Data</caption> <thead> <tr> <th>Season</th> <th>Weather Condition</th> <th>Drying Time</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Summer</td> <td>Dry weather</td> <td>5 - 10 min</td> </tr> <tr> <td>Wet weather</td> <td>30 - 45 min</td> </tr> <tr> <td rowspan="2">Winter</td> <td>Dry weather</td> <td>1 H</td> </tr> <tr> <td>Wet weather</td> <td>2 - 3 H</td> </tr> </tbody> </table>		Season	Weather Condition	Drying Time	Summer	Dry weather	5 - 10 min	Wet weather	30 - 45 min	Winter	Dry weather	1 H	Wet weather	2 - 3 H
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PACKAGING

Packaging	25 liters can / 1000 liters IBC
Number of pails per pallet	27 cans / 1 IBC
Storage	12 months between 5°C and 35°C, in the tightly sealed original container protected from sunlight

CERTIFICATION

UK: Agreement Certificate (BBA) for trafficked parking decks (with ANTIROCK BRIDGE)
HAPAS Certificate (BBA) on concrete decks of highway bridges (with ANTIROCK BRIDGE)

France: CEREMA Technical Approvals (with ANTIROCK P)
CETU Technical Approval (with ANTIROCK PR)