PRODUCT DATA SHEET

FABRIC

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REINFORCING GEOTEXTILE FOR PENECOAT™ ELASTIC& SiMP® COAT WATERPROOFING SYSTEMS

PENETRON® ADVANCED WATERPROOFING & PROTECTION SYSTEMS

DESCRIPTION

FABRIC is a polyester, non-wooven geotextile. FABRIC is mainly used as a reinforcing fabric, for use, in combination with PENECOAT™ ELASTIC, PENECOAT™ ELASTIC PROFESSIONAL, PENECOAT™ HYPER ELASTIC BLACK, PENECOAT™ SF ELASTIC and SiMP® COAT 25 liquid-applied waterproofing membrane.

RECOMMENDED FOR

FABRIC is used as a reinforcing fabric for liquid-applied waterproofing membranes. Can be applied on the entire area to be waterproofed or locally:

- Wall-floor connections
- Wall-wall connections
- Around pipe outlets, waterspouts (siphon) and chimney stacks
- 90° angles
- Lightdomes and air condition units
- Inside movement joints and over cracks

ADVANTAGES

- Easy to apply
- Good absorption and compatibility with polyurethane membranes
- Excellent resistance to mechanical stress (tearing)
- UV stable

TECHNICAL CHARACTERISTICS

Type	Non-wooven geotextile
Colour	White
Specific weight FABRIC 60P	60-65 gr/m^2
Specific weight FABRIC 110P	110 gr/m^2

NOTE: FABRIC 60P is mainly used as a reinforcing fabric, for use, in combination with PENECOAT™ ELASTIC, PENECOAT™ ELASTIC PROFESSIONAL, PENECOAT™ HYPER ELASTIC BLACK, PENECOAT™ SF ELASTIC and SiMP® COAT 25 liquid-applied waterproofing membrane. In case of certification according to European Technical Assessment (ETA) for PENECOAT™ ELASTIC, FABRIC 110P is used as reinforcing fabric.

DIRECTIONS FOR USE

Surface Preparation: The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the coating. Maximum moisture content should not exceed 5%. New concrete structures need to dry for at least 28 days. Old coatings, dirt, fats, oils, organic substances and dust need to be removed by a grinding machine. Possible surface irregularities need to be smoothened. Any loose surface pieces and grinding dust need to be thoroughly removed.

NOTE: Careful surface preparation is essential for optimum finish and durability**.** Do not wash surface with water.

Application: FABRIC can be applied in the following cases as a reinforcing fabric.

Reinforcement of the* w*aterproofing membrane (indicatively for PENECOAT™ ELASTIC): Prime the surface with the appropriate primer (PENEPRIMER™–PU for porous substrates or PENEPOX™–W for non-porous substrates) and apply PENECOAT™ ELASTIC on the surface. Place FABRIC on the entire surface to be waterproofed or locally at problem areas, like wall-floor connections, lightdomes, chimneys, pipes, waterspouts (siphon), etc., while PENECOAT™ ELASTIC is still liquid and press it to soak. Then apply enough PENECOAT™ ELASTIC to saturate FABRIC.

Repair of cracks, before the application of the waterproofing membrane (indicatively for PENECOAT™ ELASTIC): Cracks must be clean of dust, residues or any contamination. Prime locally with the appropriate primer (U-SEAL 110 for porous substrates).

Place a polyethylene backing rod, of the appropriate section (PENETRON® BACKING ROD) inside the crack and fill it with the appropriate sealer, U-SEAL or SiMP® SEAL. Dry-shake of quartz sand aggregates (indicatively QUARTZ SAND MIX 0,1-0,45 mm or similar) for bonding enhancement, is advised. The next day, prime the area around the crack with the appropriate primer (PENEPRIMER™–PU for porous substrates or PENEPOX™–W for non-porous substrates) and apply PENECOAT™ ELASTIC on the surface and around the crack, at width of 20 cm or slightly higher. Place FABRIC on the entire surface to be waterproofed and then apply enough PENECOAT™ ELASTIC to saturate FABRIC.

NOTE: If FABRIC is applied on the entire surface, a 5-10 cm overlapping between the fabric strips must be calculated.

SPECIAL CONSIDERATIONS

FABRIC can be used as a reinforcing fabric for use in combination with PENECOAT™ ELASTIC, PENECOAT™ ELASTIC PROFESSIONAL, PENECOAT™ HYPER ELASTIC BLACK, PENECOAT™ SF ELASTIC and SiMP® COAT 25, or other similar polyurethane waterproofing materials.

Careful compliance with the time margins is essential for an excellent result.

Contact PENETRON HELLAS S.A. for further information, regarding your project.

PACKAGING

FABRIC is available in rolls of 20 m^2 (0,2 m x 100 m) και 100 m^2 (1 m x 100 m).

STORAGE / SHELF LIFE

FABRIC can be stored for 24 months in its original packing (unopened container) at 5 ºC – 35 ºC (41 ºF – 95 ºF) in a cool, dry place. Keep away from wet areas and direct sunlight.

SAFE HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. F For further information please refer to Safety Data Sheet. PENETRON HELLAS S.A. has recently updated Safety Data Sheet on the safe use of PENETRON® products. Each Safety Data Sheet contains health and safety information for the protection of your employees and your customers.

WARRANTY - DISCLAIMER

PENETRON HELLAS S.A. warrants that its products are manufactured under certified ISO Standard procedures, are of excellent quality and shall be free from material defects and contain all components in their proper proportion. Should any of the products be proven defective, the liability to PENETRON HELLAS S.A. shall be limited to replacement of the material proven to be defective, since the standard application procedures have been met and the suitability of the product for the particular application have been proven. PENETRON HELLAS S.A. makes no warranty as to merchantability of fitness for a particular purpose. User, after contacting the distributor of the product, shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. While every care has been taken, the information provided in this product's data sheet make no part of any contract. All recommendations, technical data and test data contained in this product's data sheet are based upon the results of control laboratory tests or in actual field tests. However, PENETRON HELLAS S.A. makes no warranty of any kind, concerning this data. In any case, this data are given in good faith based in the PENETRON HELLAS S.A. experience, till the publication of this sheet. Due to variance in storage, handling and applications of the materials, PENETRON HELLAS S.A. accepts no liability for the results obtained. It is suggested that potential users try small applications to determine the suitability of each individual product for their specific requirements. The users should always refer to the most recent edition of the product's data sheet. PENETRON HELLAS S.A. may particularly differentiate its versions of the product's data sheet compared with those of PENETRON INTERNATIONAL LTD or respective PENETRON companies worldwide. These changes are due to text formatting, different application weathering and procedures or different product names and aim at the optimal consumer information.

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