

ChovADREN

POLYETHILENE DRAINING, NODULAR, SHEET. "S+F+D" TYPE. ACCORDING TO UNE-EN 13252 TECHNICAL FILE № 83175 – REVIEW 4/13 C €

| ••••••••••••••• | UN OF DRAINING | | COMPLETE INFORMATION OF DRAINING SHEET: ChovADREN DD | | | | |
|---|--|--|---|--|--|--|--|
| | CE | | | | | | |
| View "Declaración de Prestac | iones – DoP" in: DoP_E_83 | 175_13967_CHOVAD | RENDD_v01 | | | | |
| View CE Trade com | plete, in: DoP_E_83175_139 | 67 CHOVADRENDD | v01 | | | | |
| | ASFALTOS CHOVA, S.A. | | | | | | |
| Ctra. Tavernes a Liria. km | 4,3. 46760 TAVERNES DE | LA VALLDIGNA. V | /alencia | | | | |
| | Sheet description: | | | | | | |
| "S+F+D" sheet type for: protection, filtration nodules approximate height 8 mm. | | 0 11 1 | hylene PEAD |) (HDPE). With | | | |
| Polypropylene fibers geotextile thermally bo Recommended as draining sheet in buried | | | ether with ot | her elements to | | | |
| ensure its efficiency). Not recommended as w | | | | | | | |
| FEST. (Sheet / Geotextile) | METHOD | VALUE | UNIT | TOLERANCE | | | |
| Reaction to fire: | EN 13501-1 | Class F | ••••• | | | | |
| Vater permeability (60 kPa, 24 h) | EN 1928 | Pass | | | | | |
| | | < 0.00 | | | | | |
| mpact resistance. | EN 12691-2 (M-A) | < 300 | mm | | | | |
| | EN 12691-2 (M-A) EN 12311-2 | < 300 > 200 / > 200 | N/5 cm | | | | |
| ensile Strength. MD/CMD | · · · | | | | | | |
| ensile Strength. MD/CMD Elongation MD/CMD | EN 12311-2 | > 200 / > 200 | N/5 cm | | | | |
| ensile Strength. MD/CMD Elongation MD/CMD Artificial Aging Fensile Strength, T _{max} MD | EN 12311-2 EN 12311-2 | > 200 / > 200 > 20 / > 25 | N/5 cm | - 2 | | | |
| ensile Strength. MD/CMD Iongation MD/CMD Irtificial Aging Tensile Strength, T _{max} MD Tensile Strength, T _{max} CMD | EN 12311-2 EN 12311-2 EN 1296 / 1928 | > 200 / > 200 > 20 / > 25 Pass | N/5 cm % | - 2 | | | |
| ensile Strength. MD/CMD longation MD/CMD wrtificial Aging ensile Strength, T _{max} MD ensile Strength, T _{max} CMD longation, ε _{max} MD | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 | N/5 cm % kN/m | - 2 ± 15 | | | |
| ensile Strength. MD/CMD longation MD/CMD rtificial Aging ensile Strength, T _{max} MD ensile Strength, T _{max} CMD longation, ε _{max} MD | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 | > 200 / > 200 > 20 / > 25 Pass 9 9 | N/5 cm % kN/m kN/m | - 2 | | | |
| ensile Strength. MD/CMD Iongation MD/CMD wrtificial Aging ensile Strength, T _{max} MD ensile Strength, T _{max} CMD Iongation, ε _{max} MD Iongation, ε _{max} CMD | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 EN ISO 10319 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 | N/5 cm % kN/m kN/m % | - 2 ± 15 | | | |
| Tensile Strength. MD/CMDclongationMD/CMDArtificial AgingTensile Strength, TmaxMDcensile Strength, TmaxCMDclongation, εmaxMDclongation, εmaxCMDclongation, εmaxCMDcone fall, Dc (GTX)catic punching resistance FP (GTX) | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 13433 EN ISO 12236 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 55 38 1 | N/5 cm % kN/m kN/m % % | - 2 ± 15 ± 15 + 6 - 0,2 | | | |
| Tensile Strength. MD/CMDElongationMD/CMDArtificial AgingTensile Strength, TmaxMDTensile Strength, TmaxCMDElongation, εmaxMDElongation, εmaxCMDCone fall , Dc (GTX)Static punching resistance FP (GTX)Pore opening, O ₉₀ (GTX) | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 13433 EN ISO 12236 EN ISO 12956 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 55 38 1 90 | N/5 cm % kN/m kN/m % % mm kN kN µm | -2 ±15 ±15 +6 -0,2 ±35 | | | |
| Tensile Strength. MD/CMDElongationMD/CMDArtificial AgingTensile Strength, TmaxMDTensile Strength, TmaxCMDElongation, εmaxMDElongation, εmaxCMDCone fall , Dc (GTX)Static punching resistance FP (GTX)Pore opening, O ₉₀ (GTX)/ertical permeability, qN (GTX) | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 13433 EN ISO 12236 EN ISO 12956 EN ISO 11058 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 55 38 1 | N/5 cm % kN/m kN/m % mm kN kN µm I/m ² s | -2 ±15 ±15 +6 -0,2 ±35 -15 | | | |
| Tensile Strength. MD/CMDElongationMD/CMDArtificial AgingTensile Strength, TmaxMDTensile Strength, TmaxCMDElongation, εmaxMDElongation, εmaxCMDCone fall , Dc (GTX)Ore opening, O ₉₀ (GTX)/ertical permeability, qN (GTX)Oraining capacity in plane, qP | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 13433 EN ISO 12236 EN ISO 12956 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 55 38 1 90 100 1,45 | N/5 cm % kN/m kN/m % mm kN μm l/m ² s - 0,2 | - 2 ± 15 ± 15 + 6 - 0,2 ± 35 - 15 l/m s | | | |
| Artificial Aging Fensile Strength, T _{max} MD Fensile Strength, T _{max} CMD Elongation, ε _{max} MD | EN 12311-2 EN 12311-2 EN 1296 / 1928 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 10319 EN ISO 13433 EN ISO 12236 EN ISO 12956 EN ISO 11058 | > 200 / > 200 > 20 / > 25 Pass 9 9 50 55 38 1 90 100 | N/5 cm % kN/m kN/m % mm kN μm l/m ² s - 0,2 | - 2 ± 15 ± 15 + 6 - 0,2 ± 35 - 15 I/m s | | | |

| DRAINING SHEET DIMENSIONS: ChovADREN DD | | | | | |
|---|----|---|--------|--|--|
| Roll Width: | 2 | m | ± 0,01 | | |
| Roll Length: | 20 | m | ± 0,1 | | |
| Rolls / pallet: | 6 | | | | |

RECOMMENDATIONS OF USE:

To drain the ground, walls and foundations, with medium or high water table. Complements waterproofing.

Applies supported on the wall leaving the geotextile against the ground, leaving an air chamber that enables its filtration. Single overlap applies, between 10 and 20 cm. In walls, shall be fixed with suitable mechanical fasteners, spaced 25 to 50 cm, between them, and about 10 cm from the top. Must ensure not to affect waterproofing membrane, or apply to more than 20 cm above the expected maximum water table height.

May use other accessory items such as fixing rails, ventilation grilles, etc.

Date: 01st July, 2.013

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Provided information matches up with data obtained in our own laboratories and/or accredited external laboratories. This product will maintain these characteristics on average. ChovA, S. A. reserves the right to modify or cancel any parameter without previous notice. ChovA, S. A. guarantee is limited to the product quality. As for commissioning work, which do not participate, the product installation instructions must be followed carefully. Soundproofing values may differ from those shown here due to improper execution of work. This technical file will be voided by subsequent revisions and, if in doubt, request the latest revision.