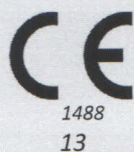


PLAST MASTER  
Teresa i Ryszard Sudół  
Ul. Polna 4b, 37-100 Łańcut



## Declaration of Performance

No PM2/D/2013  
Version nr 2

### DRENFOL 650+110

|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product type                                            | <b>Drenfol 650+110</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2. Intended use or uses                                                                      | Geocomposite for use in external insulation systems of walls, foundations, terraces, ceilings, flat roofs, green roofs, as well as for the needs of civil engineering in drainage systems for roads, areas exposed to traffic, railroads, water reservoirs and dams, channels, tunnels and underground structures, earthworks, retaining structures, with the F+S+D function (FILTRATION + SEPARATION + DRAINAGE), PN EN 13252:2002 (EN 13252:2000) |
| 3. Manufacturer                                                                              | Plast Master Teresa i Ryszard Sudół<br>Ul. Polna 4b<br>37-100 Łańcut                                                                                                                                                                                                                                                                                                                                                                                |
| 4. Authorised Representative                                                                 | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5. System of assessment and verification of constancy of performance as per the Attachment 5 | System 2+                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6a. Harmonized Standard.<br>Notified Body.                                                   | PN EN 13252:2002<br>Instytut Techniki Budowlanej 1488.<br>(Building Research Institute)                                                                                                                                                                                                                                                                                                                                                             |

7. Declared performance.

| Characteristics |                                                             | Performance                                                                                                                          | Harmonized Standard |
|-----------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| GCO             | Water flow within the plane of a product<br>PN EN ISO 12958 | 3,2 (- 0,24) l/(sxm)                                                                                                                 | EN 13252:2000       |
|                 | Tensile strength, machine direction PN EN 10319             | 17,1 (- 2,1) kN/m                                                                                                                    |                     |
|                 | Tensile strength, cross machine direction<br>PN EN 10319    | 15,8 (-2,9) kN/m                                                                                                                     |                     |
|                 | Hazardous Substances                                        | NPD                                                                                                                                  |                     |
| GTX             | Puncture resistance, static PN EN ISO 12236                 | 1,00(- 0,10) kN                                                                                                                      |                     |
|                 | Puncture resistance, dynamic PN EN ISO 13433                | 35 (+7) mm                                                                                                                           |                     |
|                 | Characteristic opening size PN EN ISO 12956                 | 140 (± 42) µm                                                                                                                        |                     |
|                 | Water permeability PN EN ISO 11058                          | 70x10 <sup>-3</sup> (-21x10 <sup>-3</sup> ) m/s                                                                                      |                     |
| Durability      |                                                             | - Cover within 2 weeks after application<br>- Expected durability: at least 25 years in natural soil of 4<pH<9 and temperature <25°C |                     |

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued according to EU Directive No. 305/2011 under the sole responsibility of the manufacturer identified above.

On behalf of the manufacturer signed by:

*Wiesław Łęczyński*  
Wiesław Łęczyński

Quality Inspection Manager



**PLAST MASTER**

Teresa i Ryszard Sudol

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