

# Typar® SF45

## Declaration of performance - DoP-Typar® SF45-05

- 1• Unique identification code of the product-type: **DuPont™ Typar®**
- 2• Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **SF45**
- 3• Intended Uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **Filtration, Filtration and Separation**
- 4• Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5): **DuPont de Nemours (Luxembourg) S.à.r.l., Rue General Patton, L-2984 Luxembourg**
- 5• Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2): -
- 6• System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **System 2+**
- 7• In case of the declaration of performance concerning a construction product covered by a harmonized standard, **the notified body KIWA TBU GmbH, No. 0799, performed initial inspection of the manufacturing plant and of factory production and continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the certificate of conformity of the factory production control.**
- 8• In case of European Technical Assessment: -
- 9• Declared performance:

### Harmonized Technical Specifications



EN 13249 : 2016



EN 13250 : 2016



EN 13251 : 2016



EN 13252 : 2016



EN 13253 : 2016



EN 13254 : 2016



EN 13255 : 2016



EN 13256 : 2016



EN 13257 : 2016



EN 13265 : 2016

Essential characteristics	Test Method	Unit	Performance
Tensile Strength $T_{max}$	EN ISO 10319	kN/m kN/m	MD 12.0 (- 1.56) CMD 12.0 (- 1.56)
Elongation $\epsilon_{max}$	EN ISO 10319	% %	MD 45 (+/- 10.3) CMD 50 (+/- 11.5)
Dynamic Perforation Resistance $D_c$	EN ISO 13433	mm	30 (+ 7.5)
Resistance to Static Puncture $F_p$	EN ISO 12236	kN	1.600 (- 0.16)
Opening Size $O_{90}$	EN ISO 12956	$\mu m$	130 (+/- 39)
Water Permeability $V_{H50}$	EN ISO 11058	m/s	$33 \cdot 10^{-3}$ (- $10 \cdot 10^{-3}$ )
Durability in accordance with Annex B	To be covered within 4 weeks after installation. Predicted to be durable for 100 years in natural soils with $4 \leq pH \leq 9$ and soil temperatures $\leq 25^\circ C$ based on the results of test method B.4.2.2 (112 days) of Annex B.		

- 10• The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Paul Meyers

Luxembourg: 01/01/2020

Managing Director and Works Director - DuPont de Nemours (Luxembourg) S.à r.l.