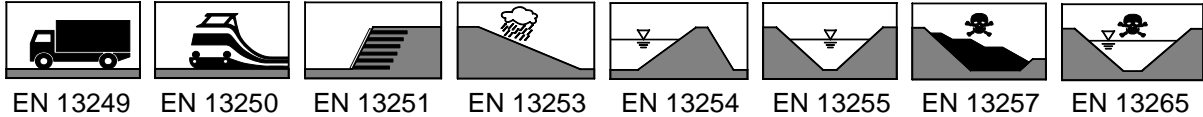




DECLARATION OF PERFORMANCE
DoP-1041-130701

Stabilenka
400/50



Intended function(s): Reinforcement + Separation

HUESKER Synthetic GmbH
Fabrikstraße 13–15
48712 Gescher, Deutschland
Tel. +49 (0) 25 42 / 701 - 0
Fax. +49 (0) 25 42 / 701 – 499
E-Mail: info@HUESKER.de
Factory A

System 2+

Notified factory production control certification body No. 0799 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control on the system 2 + and issued the certificate of conformity of the factory production control.

Essential characteristics	Performance	Harmonised technical specification
Tensile strength T_{max} (EN ISO 10319)	MD 400 kN/m (- 0 kN/m) CMD 50 kN/m (- 0 kN/m)	EN13249:2000 + A1:2005 EN13250:2000 + A1:2005 EN13251:2000 + A1:2005 EN13253:2000 + A1:2005 EN13254:2000 + A1:2005 EN13255:2000 + A1:2005 EN13257:2000 + A1:2005 EN13265:2000 + A1:2005
Elongation ϵ_{max} (EN ISO 10319)	MD 10,5 % (\pm 2 %) CMD 19 % (\pm 4 %)	
Resistance to static puncture F_P (EN ISO 12236)	10,5 kN (-0,5 kN)	
Dynamic perforation resistance D_C (EN ISO 13433)	13 mm (+ 2 mm)	
Durability (Annex B)	To be covered within two weeks after installation. Predicted to be durable for a minimum 25 years in naturales soils with $4 < pH < 9$ and soil temperatures $< 25^\circ C$.	

Gescher 01.07.2013

Helko Pintz
(Manager Quality Assurance)