

# CERTIFICATE

Certificate No.: PL 24105880 001  
Project No.: 89212247

**Holder:** Abriso nv  
Gijzelbrechtegemstraat 8 – 10  
8570 Anzegem  
Belgium

**Product** : **Underlayment: SPEMI HD**  
Total thickness : 4.0 mm  
Total mass : 190 gr/m<sup>2</sup>

Certified in combination with : Floorcovering: 8 mm click laminate.

On basis of the results of the tests specified below, we declare that the above specimen fulfils the requirements of the TÜV Rheinland Testmark **Noise Reduction** including **Regular Product Surveillance**. TÜV Testmark and Underlayments, Test Protocol Impact Sound – 2017 EV

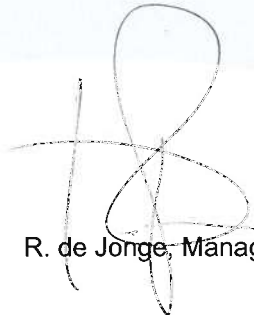
NB: This certificate itself shall not be considered as a type examination certificate.

Performance properties	Requirement	Result
Impact sound improvement according ISO 10140 and ISO 717-2	$\geq 10 \text{ dB } \Delta L_{lin}$	Pass

Full details of the results can be found in the following report(s):

Reference	Date of issue	Result
Initial test report: 060-DTM-2011-02297/BNF/LNS	07-07-2011	10 dB $\Delta L_{lin}$ & 21 dB $\Delta L_w$

Arnhem, 09-10-2017

  
R. de Jonge, Managing director  
Page 1 of 1