

# CERTIFICATE

Certificate No.: PL 4602878 003  
Project No.: 89213467

**Holder:** Cotap  
Oosterbrugstraat 27  
8281 BT Genemuiden  
The Netherlands

**Product** : **Underlayment: Red-Line 10db**  
Total thickness : 2.0 mm  
Total mass : - 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	$\geq 10 \text{ dB } \Delta L_{\text{lin}}$	Pass

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

Reference	Date of issue	Result
Initial test report: TS/RA/A 2459-4 RA	May 2013	10 dB $\Delta L_{\text{lin}}$ & 21 dB $\Delta L_{\text{w}}$

Arnhem, 01-05-2018

R. de Jonge, Managing director  
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