Nano Perforation: An invisible solution for high acoustic absorption

PRODUCT SPECIFICATIONS:

• Nano perforated wood veneer hides the sound-absorbing core material

• Acoustic properties till $\alpha_w 0.95$, NRC 0.90 and SAA 0.90

• Available for ceiling and wall panels

• Maximum size nano perforation is 2780 mm x 1200 mm

• Different ceiling types - concealed, semi-concealed and visible system

• 16 mm fire-retardant MDF

• High-grade veneer or HPL melamine top layer

www.hunterdouglasarchitectural.eu

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SYSTEM OVERVIEW CEILINGS
1 = Wood veneered ceiling panel type Prestige
2 = T24 main profile
3 = Cross Lock bracket
4 = Stepped profile
5 = Quick hanger

PANEL STRUCTURE
1 = Wood veneer with nano perforation
2 = MDF core material
3 = Wood veneer
4 = Acoustic cloth

SYSTEM OVERVIEW WALL
1 = Wood veneer wall panel with nano perforation
2 = Panelsupport
3 = Mounting Clips
4 = HDF connecting strip

MATERIAL PROPERTIES
• Material: Medium Density Fiberboard (MDF)
• Fire class: B-s2, d0 according to EN 13501-1
• Weight: +/- 12 kg / m²

CERTIFICERINGEN
• FSC certified – C020011

VENEERED WOOD CEILING SYSTEM

ROUND NANO-PERFORATION (a) \( \alpha_w \) : 0.95 - NRC: 0.90

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