

PRODUCT TECHNICAL DATASHEET

CREASON 12,5mm

Description

CREASON is a perforated plasterboard manufactured by punching technology. CREASON provides sound absorption and contributes to the acoustic comfort. CREASON boards are conceived to be an aesthetic element in the interior design project.

Application

CREASON is suitable for internal application only. The main application is ceiling. However, the board can also be used on the top of internal walls (above traffic areas).

Appearance

CREASON is a high aesthetic appeal board. Different perforation patterns and rates are offered according to the reference. It leads to different aesthetic effects and sound absorption levels. Perforations are disposed in blocks. CREASON has 2 longitudinal tapered edges and 2 transversal squared edges. The board back face is finished with a non-woven fleece which can be visible through the perforations.

Composition

CREASON is composed by a gypsum paper facer board which is perforated. A non-woven fleece layer is applied on the back of the board to improve acoustic performance.

Dimensions and tolerances

Thickness: 12,5mm
Width: 1200mm
Length: 2400mm

Compliance authority

The boards are CE marked according to EN 14190:2014 (Gypsum board products from reprocessing - Definitions, requirements and test methods).

Physical properties

Minimum surface density of mother board (without perforation): 10,0 kg/m²
Reaction to fire: A2-s1, d0
Flexural strength: Pass
Acoustic absorption: from α_w 0,50 to α_w 0,80 depending on the board reference, mineral wool and plenum.

General storage, handling and installation instructions

Storage: store in dry, flat conditions. Ensure safe stacking up to maximum 4 packs (or 3 metres). Use suitable handling equipment to avoid damage when lifting.

Handling: boards shall always be handled from the stack by two persons and then be transported vertically.

Cutting: boards can be cut with knife (score and snap) or with electrical saw for plasterboards. Attention to not damage perforations and edges during cutting operation.

Assembling: boards assembling must ensure the continuity of perforation blocks. The perforations are positioned on the visible side and the non-woven layer on the back side (ceiling plenum or partition cavity). Can be installed in combination with standard plasterboards 12,5mm thick.

Screwing: use plasterboard screws adapted to the metal frame thickness.

Jointing: can be done with setting or readymix compounds and paper tape.

Sanding: after joints dried sand manually with sandpaper or with sanding machine.

Painting: after jointing, boards can be painted with painting roll in any colour.

Health & Safety

Please refer to the CREASON safety datasheet.

General safety instructions: May contain traces of quartz. Any mechanical action during cutting releases dust that may contain quartz particles. Apply the suitable protection measures: 1-Avoid the emission of dust using tools with dust extraction system. 2-Ensure adequate ventilation in the workplace. 3-Avoid contact with eyes and skin and inhalation of dust by wearing appropriate personal protective equipment (safety glasses, gloves, protective clothing and dust mask, type P2 minimum).