

SPORTS SURFACES

DATA SHEET

PROTECTOR G 13

**Fibre-reinforced PVC sheet
for protection against rising damp on sports flooring**

CHARACTERISTICS

Protector G 13 is a PVC sheet with internal glass fibre net that ensures excellent dimensional stability; the sheet is developed above all to permit the application of the sports flooring systems Pavisint SL75 and Confosport on decks that have problems of the following kind:

- Concrete decks that have not been allowed to cure thoroughly
- Existing decks without vapour barrier
- Old sports surfaces

Protector G 13 permits reducing installation times, without having to repair the deck, or remove the old surface, thus ensuring dimensional stability given that the final layer will be glued to the PVC sheet, making it in this way possible to obtain a floating surface.

LAYING METHOD

The sheet is simply laid on the deck without glue and is cut at the vertical floor-wall embossments; installation is completed by sealing the joints between the mats with adhesive tape. The sports floor must then be glued over the whole surface of the sheet with the special epoxy-polyurethane glue, Paste EP 11 for the Pavisint SL 75 and Confosport systems.

If the product is applied in a indoors in a gym, after applying the resin cycle cut a space of about 1.5 cm. between the walls and the sheets to allow for settlements due to thermal shock, thus prevent undulation of the sports flooring.

LAYING SURFACE

The surface must be perfectly level, with no debris or stones, smooth and with the correct slope. Failing this, the deck should be levelled and repaired appropriately.

Cases where Protector G 13 cannot be applied:

- Areas subject to heavy traffic (trucks)
- On magnesite
- On decks with hydrostatic pressure
- On wooden decks that are not adequately ventilated
- On decks with vapour barrier but with relative humidity of 97%
- On decks without vapour barrier and relative humidity of 92%

CHARACTERISTICS OF THE ROLL

Characteristics	U.M.	Value
Width	m	2
Length	m	20
Thickness	mm	1,5
Specific Weight	Kg/sq.m.	1,5
Dimensional stability (EN ISO 23999)	%	≤ 0,2
Reaction to fire (EN 13501-1)	-	Bfl-s1

CERTIFICATION

Protector G 13 is classified as Bfl – s1 in accordance with the European fire resistance standard EN 13501-1.

*The data provided by these data sheets are approximate and the Company reserves the right to modify the same for technical reasons, without prior notice. The solutions proposed do not represent all the possible uses but are merely case studies deriving from Casali's installation experience and are therefore intended only for purposes of illustration. The user is exclusively responsible for the way the products illustrated are used, whether properly or improperly, for evaluating in advance the suitability or otherwise of the product for its requirements and exerting the utmost caution in handling chemical products. **Important: to ensure best colour uniformity of surface laid products, we recommend that you use materials from the same production lot as finishing layer. The Technical Office of Casali's Synthetics Division is at your complete disposal for any further specific information or explanations you may require (phone 071 9162095).***

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Rev. 02/2018