

PRODUCT DESCRIPTION

TVS Cleancare is manufactured according to the UNE-EN 14190 standard, based on a Type A plasterboard covered with a white Polyvinyl Chloride (PVC) film that gives it special waterproofing and easy-cleaning qualities.

TVS Cleancare incorporates an aluminium sheet on its back-face that works as a vapour barrier and at the same time protects all the tile, in case of leaks or damage of the roofing.

TVS Cleancare is modular and economical systems which provide multiple solutions and advantages to the construction of adequate spaces.

Manufactured in thickness of 8 (and also in 9.5 and 12.5 mm) the ceilings can be adapted to be modulated in the required dimensions and all of them, are laminated with PVC.

The edge detail of the tiles is mostly square and they lay on the profiles of the suspension system T15 or T24. However, depending on the design, tiles can also be produced with a Tegular edging in 12.5mm thickness.

High resistance to dirt or stains

The PVC film on its main face prevents marks and stains which occur when handling the tiles during installation or maintenance. Cleaning can be done with a simple damp cloth.

Resistance and durability

Because the hardness of components are of a mineral origin, this promotes a longer product life. Therefore, TVS Vinyl-Faced Gypsum Ceilings guarantee greater resistance when it's necessary to manipulate them.

High recyclability

Calcium Sulphate (CaSO₄) is a 100% natural material that together with the cellulose that forms the cardboard on its external faces, allow full recycling after their long useful life.

Fire resistance

The test sample was physically modified by breaking after 30 minutes and a continuous flare occurred. Tested in accredited TSE Laboratory, signatory of this test due to the multilateral agreements of the European co-operations for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the mutual recognition of test reports.

Tested according to

BS-EN 1363-1:2015 Fire resistance tests. Part 1: General requirements. This European Standard sets out the general principles for determining the fire resistance of various elements of construction when subjected to standard fire exposure conditions. Covers testing equipment, conditions, specimens, test installations, application, procedures, performance criteria, and test report.

BS-EN 1364-2: Parte 2: Suspended Ceilings. Fire resistance tests for non-loadbearing elements. This part of EN 1364 specifies a method for determining the fire resistance of ceilings, which in themselves possess fire resistance independent of any building element above them. This European Standard is used in conjunction with EN 1363-1.

BS EN 13501-2: 2016 Fire classification of construction products and building elements – classification using data from fire resistance tests, excluding ventilation services. This European Standard specifies the procedure for the classification of construction products and building elements using data from fire resistance and smoke leakage tests

BS-EN 14190: 2014 Gypsum board products from reprocessing. Definitions, requirements, and test methods. This European Standard specifies the characteristics and performance of products that have been produced by reprocessing gypsum boards manufactured according to EN 520, EN 15283-1, and EN 15283-2.

Physical properties and performance

Covered by a harmonised standard:
BS EN14190:2014/BS EN 13501-1
Plasterboard transformed products/Suspended ceilings
Requirements and test methods according:
BS EN 13964:2014

Length (mm)	600, 1200
Width (mm)	300, 600
Thickness (mm)	8
Colour	Smooth White
Edge Type	A (square edge)
Weight	5.80 Kg/m ²
Packaging	Carton of 8 units
Reaction to Fire	A2 s1 d0
Light Reflectance	88%
Moisture Resistance	90% relative humidity
Thermal Conduct.	0.25 W/mK

BS-EN 1363-1: 2015

30 minutes

TEST No. 189 735 / 360452