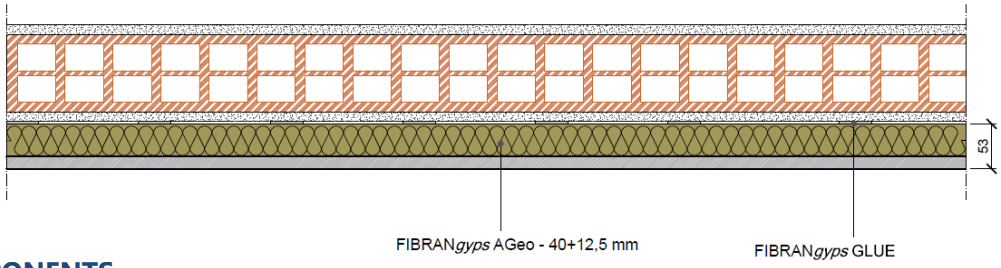
Lining FIBRAN **LW AGeo 13+40**

Drywall lining Rw = 54 dB - thickness 13+40 mm



COMPONENTS

Composite panel

Composite panel **FIBRAN*gyps* AGeo**, thickness **52,5 mm**, conform to EN 13950. It consists of 1 layer of FIBRAN*gyps* A CE marked– **type A** according to EN 520, classified **A+** according to EN ISO 16000-09, fire reaction **A2-s1,d0** according to EN 13501-1, weight 9,0 kg/m^2, water vapor resistance factor μ=10, thermal conductivity λ=0,21 W/m K and specific heat cp=1,03 kJ/kg K according to EN 10456 and 1 FIBRAN*geo*, biosoluble stonewool board, thickness **40 mm**, fire reaction A1 according to EN 13501-1, thermal conductivity 10°C **λ_D = 0,035 W/m K** according to EN 12667 and EN 12939, water vapour diffusion resistance factor μ= 1 according to EN 12086, specific heat capacity cp=1,03 kJ / kg K according to EN 10456

Fixing to the existing wall

Fixing to the existing wall (perforated brick th. 80 mm plastered each side) with FIBRANgyps GLUE stripes and plots spaced about 40 cm.

Adhesive tape and joint filler

Treatment of the joints between plasterboards and head of screws with **FIBRAN*gyps* JF,** CE marked 3B according to EN 13963, and reinforcing tape **FIBRAN*gyps* TAPE** according to the level quality Q2 (Eurogypsum)

Lining FIBRAN **LW AGeo 13+40** Technical features

Acoustics

Rw = 54 dB – test report Istituto Giordano n° 325021

Thermal Insulation

U = 0,580 W/m^{2}K – calculated with software PAN

Finishing

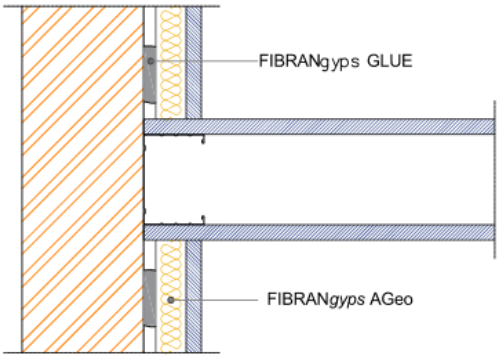
According to quality level required (Eurogypsum). Use FIBRAN*gyps* JF READY MIX for level Q4

Sustainability

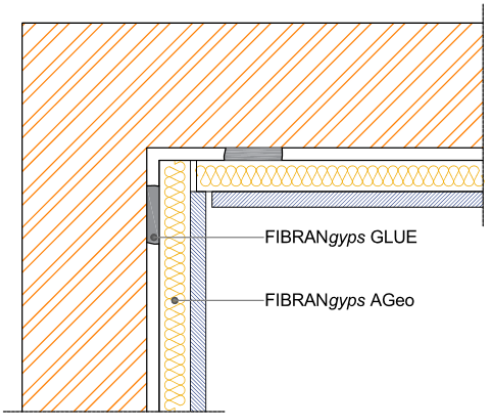
FIBRAN*gyps* plasterboards are classified **A+**, the best one according to EN ISO 16000-09, with regards to the emission of formaldehyde, acetaldeyde and other substances.
FIBRAN*gyps* plasterboards and FIBRAN*geo* stonewool meet the requirements of the Ministerial Decrees "CAM" 11/10/2017 and 23/06/2022 (the latter effective from 04/12/2022).

System Data Sheet

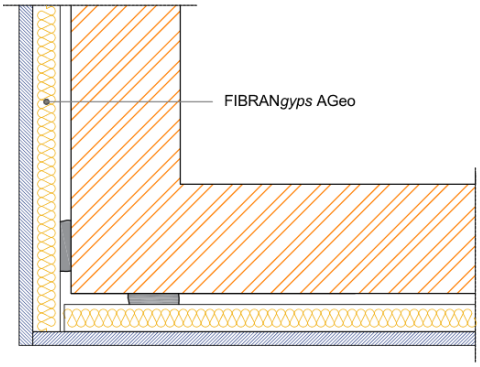
Lining FIBRAN **LW AGeo 13+40**
Construction details



Detail. 1 **WALL INTERSECTION**



Detail. 2 **iNTERNAL CORNER FITTING**

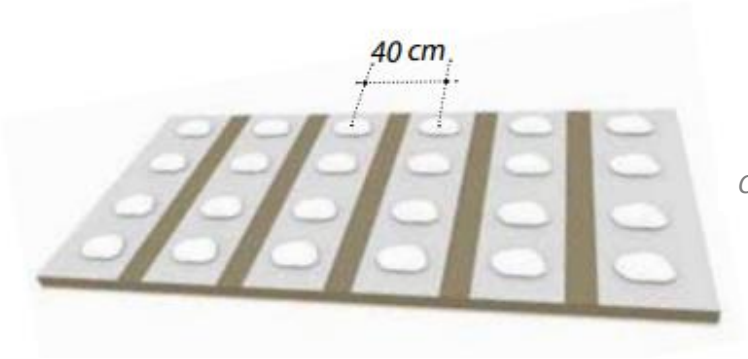


Detail. 3 **EXTERNAL CORNER FITTING**

FIBRAN S.p.A. via Fiasella 5/11 16121 GENOVA Italy - ph. +39 010 25466.1 fax +39 010 25466.949 - www.fibran.it – tech@fibran.it

Lining FIBRAN **LW AGeo 13+40**
Quantities of material

Indicative quantities for square meter of lining – waste 5%		
		quantity/m^2
Description	UM	
FIBRAN*gyps* AGeo	m^2	1,05
FIBRANgyps GLUE	kg	3,00
Joint filler FIBRAN*gyps* JF	kg	0,35
FIBRAN*gyps* TAPE	m	1,50



Composite panel fixing
FIBRAN*gyps* **AGeo**

Technical Data Sheet