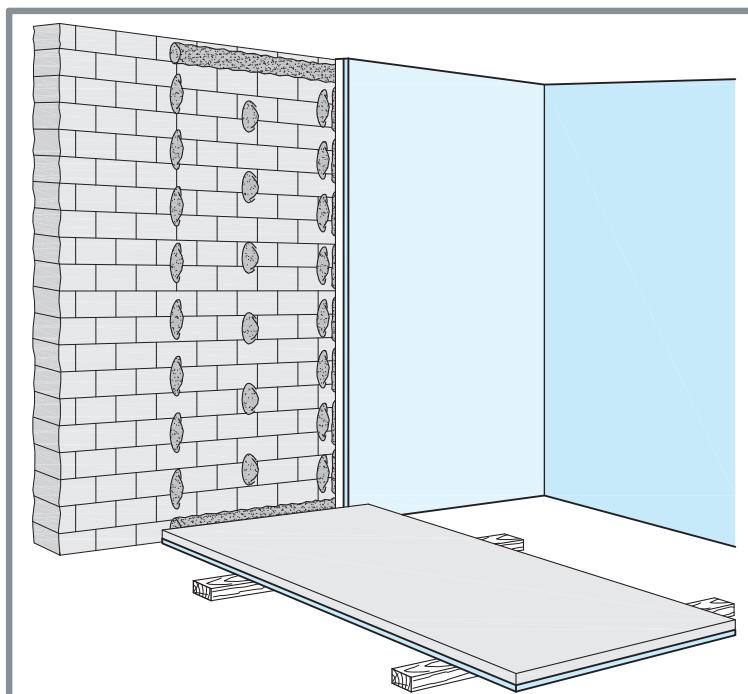


W631 Gypsum Board Drywall Lining System

(Yapigips + EPS Laminated Gypsum Board)



W631 drywall lining system is installed with applying single layer 9,5/12,5 mm Gypsum Board which is laminated with 20/30/40 mm EPS, on the existing walls by using Yapigips adhesive in order to increase the thermal insulation values of the existing walls.

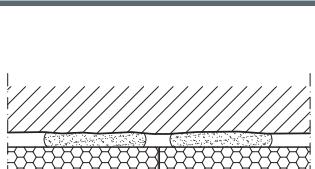
Fields of Application

- Instead of plaster applications on existing walls.
- Areas with thermal insulation requirements.

Wall Heights

Application height is equal to one gypsum board length.

System Properties

System	Board *				EPS		Thermal Insulation **
	Thickness mm	Total Thickness mm	Type	Weight ~ kg/m ²	Thickness mm	Thermal Conductivity (λ) W/mK	
	9,5	30	FX	8,4	20	0,035	0,61
		40		8,6	30		0,90
	12,5	33	FX / FR / WR / WR&FR	9,8	20		0,62
		43		10	30		0,91
		53		10,2	40		1,19

* Calculation value of Gypsum board's thermal conductivity (λ)=0,25

** Air gap is not included into the calculation of system's thermal transmittance resistance(R).

FX : Regular Gypsum Board

WR : Moisture Resistant Gypsum Board

FR : Fire Resistant Gypsum Board

WR&FR : Moisture and Fire Resistant Gypsum Board

W631 Gypsum Board Drywall Lining System

Consumption (per m²)

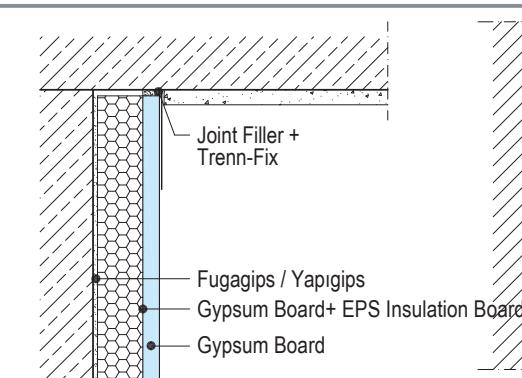
System Components	Unit	Consumption Gypsum Board Thickness	
		9,5 mm	12,5 mm
Cladding Board			
Gypsum Board	20 / 30 / 40 mm EPS laminated	m ²	1
Gypsum Board Strip	In case the surface is very uneven	m	3,3
			2,6
Joint Filler and Accessories			
Yapigips Gypsum Based Adhesive	Smooth Surface Uneven Surface Very Uneven Surface	kg	1 4 3,9
Joint Tape	Mesh Tape Paper Tape Kurt Paper Tape	m	0,8
Joint Filler	Fugagips Uniflott Readygips	kg	0,25
Separator Tape For Inside Corners	Trenn Fix	m	0,8 **
Betokontakt Primer *		gr	250
Internal - External Corner Tape	Alux Tape	m	determined acc. to the project
Outer Corner Bead		m	determined acc. to the project

* It must be used before applying on the concrete surfaces.

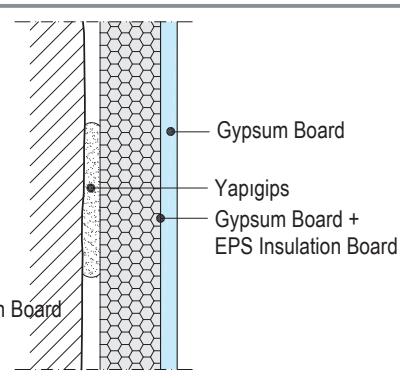
** If the use of separator tape is not considered, consumption should be added to the joint tape.

Note: The area of the analysed wall is 2,6 m x 4 m=10,40 m²

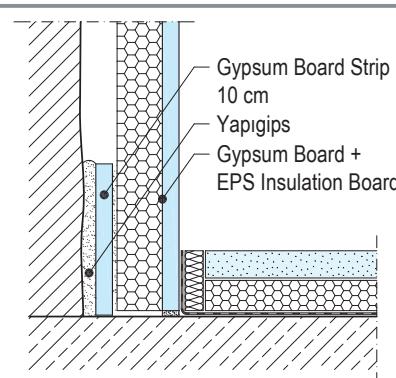
Application Details



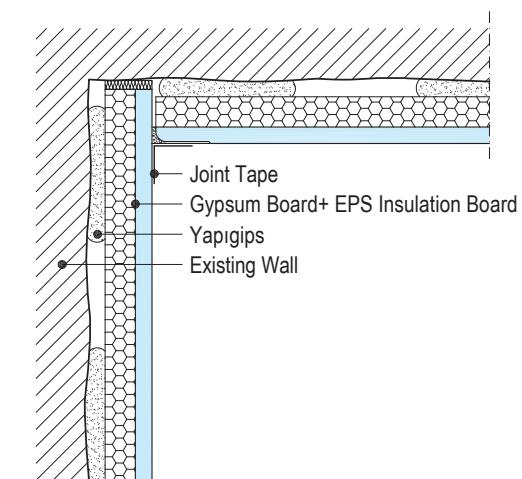
W631-V01 Ceiling Detail



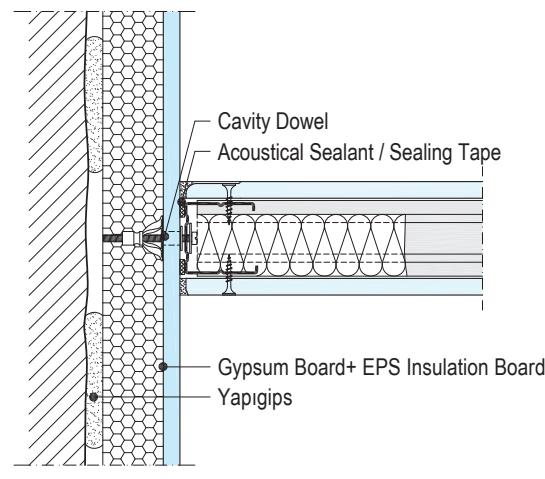
W631-VM1 Wall Detail



W631-VU1 Floor Detail



W631-H4 Inner Corner (Uneven Surface)



W631-H5 Partition Wall Connection
(Uneven Surface)