


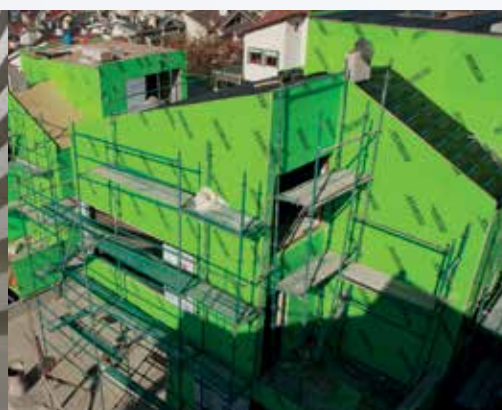
# **OUTWEAR**<sup>®</sup>

## FACADE SYSTEMS

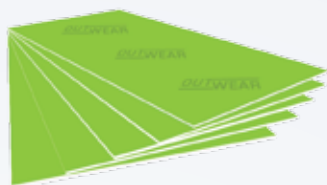




 <b>(GM-FH1-IR)</b>		
THICKNESS	12,5	15
STANDARD	TS 15283-1	TS 15283-1
EXPOSURE NUMBER	04.743/04A	04.743/04B
AVERAGE WEIGHT	≤ 12 kg/m <sup>2</sup>	≤ 14,5 kg/m <sup>2</sup>
LENGTH	1200 mm	2000 - 3600 mm
WIDTH	1200 mm	1200 mm
THERMAL CONDUCTANCE RATE	0,25 W / mK	0,25 W / mK
CORE STRENGTH	≥ 15 minute	≥ 15 minute
FIRE RESPONSE	A1-s1, d0	A1-s1, d0
SURFACE WATER ABSORPTION	≤ 180 g/cm <sup>2</sup>	≤ 180 g/cm <sup>2</sup>
TOTAL WATER ABSORPTION	≤ 5	≤ 5
DIAMETER OF IMPACT TRAIL	≤ 15	≤ 15
BENDING FAILURE TOWARD THE LONG EDGE	≥ 725 N	≥ 870 N
BENDING FAILURE TOWARD THE SHORT EDGE	≥ 300 N	≥ 360 N
EDGE TYPE	Square edge - Tapered Edge	Square edge - Tapered Edge
NUMBER OF PLASTERBOARD PER PALLET	50 Pieces	40 Pieces



# FACADE SYSTEMS



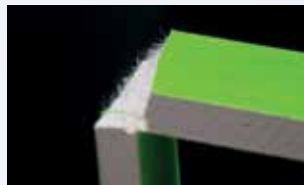
## DIMENSIONS

Sheets are produced 1200mm width, 2400mm length as standard production.



## FIRE RESISTANCE

A1 class, non-flammable. It is not release harmful substance while burning.



## STANDARD

Produce as a TS 15283-1 standard. 12,5mm Outwear 04.473/04A, 15mm Outwear 04.473/04B located CBS exposure.



## MOISTURE AND MOLD RESISTANCE

According to ASTM D3273 mod resistance is %10. Can applied intense damp places such as bath, swimming pool.



## FLEXIBILITY

Can be bend easily thanks to texture of glass fiber. Full size sheet has 120 cm diameter bending capacity.



## LIGHTNESS

Weight of the sheet  $\leq 12$  kg/m<sup>2</sup>. Outwear is portable for both vertical and horizontal handling at worksite. Burden to floor less than brick, pumice concrete type walls.



## EASE OF APPLICATION

Fabricate faster than traditional wall systems. Applied with screwing. Applicable for four season.



## DESIGN HARMONY

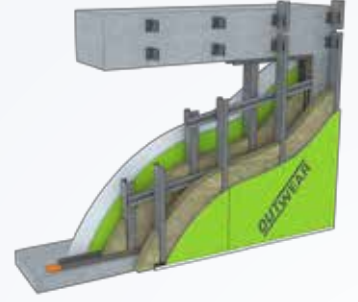
Easily integrated with reinforced concrete or steel all kind of building systems. Present thinner wall solutions for expanding indoor usage areas.



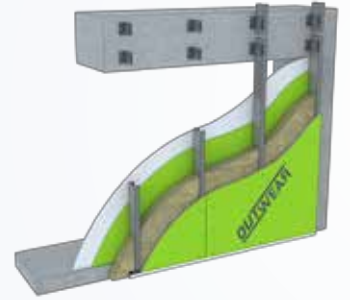
Curtain Over Existing Wall Facade System: Carriage system (construction) is constituted by Fixing **OUTWEAR** L brackets on to existing wall (brick, pumice concrete, gas concrete, etc...) then **OUTWEAR** DC or T profiles are connected to L brackets. **OUTWEAR** glass-mat sheathing board screwed on to carriage system. Between profiles insulation material (rock wool), which is chosen according to insulating demand, is located. Check for the system details.  
[www.aygips.com.tr](http://www.aygips.com.tr)



Double Frame System: Wall system which is applied between floor slabs and on the floor. Carriage construction is constituted by L brackets fixed on the floor, then connecting with **OUTWEAR** DC or **OUTWEAR** T profiles. **OUTWEAR** glass-mat sheathing board screwed on to outward facing surface of the profiles. Insulation material (rock wool), which is chosen according to insulating demand, is located between profiles and **OUTWEAR**. Check for the system details.  
[www.aygis.com.tr](http://www.aygis.com.tr)



Curtain Over On The Floor System: Carriage construction is constituted by L brackets fixed on the floor slab, then **OUTWEAR** DC or **OUTWEAR** T profiles fixed on it. **OUTWEAR** glass-mat sheathing board screwed in front of and behind of the profiles. Insulation material (rock wool), which is chosen according to insulating demand, is located between profiles and **OUTWEAR**. Sheathing, plaster – paint or marble – granite type coatings can be applied on the system. Check for the system details.  
[www.aygips.com.tr](http://www.aygips.com.tr)



Single Frame System: The wall system, which is applied between floor slabs. System is constituted by **OUTWEAR** DU profiles fixed with both on the ground and ceiling, then **OUTWEAR** DC profiles located and fixed with per 40 or 60 cm between DU profiles. **OUTWEAR** glass-mat sheathing board screwed on both surfaces of the profiles. Insulation material (rock wool), which is chosen according to wall width and insulating demand, is located between profiles. Check for the system details.  
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