Technical Data Sheet/Publication Date: 01.01.2013/Revision Number: 01/Revision Date:20.11.2017

ARSLANLI ARPLAK EXTERIOR

DEFINITION

-Arslanlı Arplak is an A1 class fireproof exterior systems plasterboard that has structural strength and durability above exterior standards, is resistant to water and moisture, and is used in exterior wall applications with its mat made of glass fiber covering both surfaces.

APPLICATION AREA

-It is used in exterior wall systems, under eaves applications, in wet areas and areas with water risk, in ventilated exterior systems, to create a smooth surface under facade covering materials such as metal, wood and decorative brick.

WARNINGS AND RECOMMENDATIONS

-When carrying plasterboards by hand, it is recommended that 2 people carry them so that the long edge is parallel to the ground.
-If it will be transported by forklift, care must be taken that the forklift used has sufficient carrying capacity and that the forklift operator is qualified and experienced.
-Plasterboards should never lean vertically.
-In places with intense and constant humidity, ventilation measures must be taken to evacuate water vapor.
-Arslanlı Arplak exterior facade should not be used as a waterproofing material in any system.

APPLICATION

- Arslanlı Arplak exterior facade should be mounted to the profiles with specially produced trumpet or self-drilling corrosion-resistant screws.
-When fixing the Arslanlı Arplak exterior, the distance between the screws should be at most 20 cm.
-Arslanlı Arplak should be applied to exterior joints with alkali-resistant glass fiber joint tape and joint filler and primer plaster containing cement-based polymer fillers.
-The system to be used should be taken into consideration when determining profile axis spacing and profile type.
-The insulation material to be mounted on the Arslanlı Arplak exterior surface must be attached to the profiles using a drill-tipped sheathing dowel.
-In Arslanlı Arplak exterior wall applications, the joints should be staggered.
-Alkali resistant plaster mesh weighing 160 gr/m² should be applied to the exterior surface of Arslanlı Arplak. The mesh should be close to the outer surface and embedded in the plaster.
-To ensure smooth corners, PVC-based mesh corner profile should be used.

REFERENCE STANDARD

-TS EN 15283-1 + A1

STORAGE

-The contact of the plates with the ground should be broken by placing wedges under the plates, parallel to their short edges, starting from a maximum of 10 cm from the edges and at a maximum interval of 50 cm.
-A maximum of 6 pallets should be stored on top of each other (height max. 450 cm) and the wedges between the pallets should be aligned.

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TECHNICIAL SPECIFICATIONS

Nominal Thickness	12.5mm	15mm	18mm
Average Weight (kg/m ^{2})	≤ 11.00	≤ 13.50	≤ 16.00
Bending Breaking Load Short Side (N)	≥ 210	≥ 250	≥ 303
Bending Breaking Load Long Side (N)	≥ 550	≥ 650	≥ 774
Edge Type	Blunt Edge,Thinned Edge		
Thermal Conductivity (W/mK)	0.25		
Total Water Absorption (%)	H1	≤ 5	
	H2	≤ 10	
Coefficient of Resistance to Water Vapor Transmission (μ)	10		
Core Cohesion (min)	≥ 15		
Fire Reaction Class	A1		

	Code	Width mm	Length mm
12.5mm	8940-H1	1200	3000
	8940-H2	1200	3000
15mm	8941-H1	1200	3000
	8941-H2	1200	3000
18mm	8942-H1	1200	3000
	8942-H2	1200	3000