

# باروش



**Arya Steel Alvand Company** was established in 2009 to manufacture aerated autoclaved concrete (AAC) blocks and panels. In 2013, the company launched an autoclaved light concrete production line in cooperation with Dongyue, a licenses of AAC concept GmbH from Germany. The products of this factory include aerated autoclaved blocks and panels, as well as special concrete glue, which are known as "Baroosh". The factory has an annual production capacity of 300,000 cubic meters of AAC block and panel and 100 tons of concrete thin-bed mortar (glue). This company is the first manufacturer of AAC panels in Iran with dimensions of 600 cm long by 60 cm height in different thicknesses.



# Baroosh

AUTOCLAVED AERATED CONCRETE



Autoclaved Aerated Concrete is a Lightweight, High insulating, Durable building product, which is produced in a wide range of sizes and strengths. AAC blocks are three times lighter than red bricks.

Class	Compressive strength MPa		Dry Density (kg/m <sup>3</sup> )	Dry Density Limits (kg/m <sup>3</sup> )	Average Shrinkage (%)	Thermal conductivity W/m.k	Sound Proofing dB
	Minimum	Average					
AAC2	2.0	2.5	500	450-550	0.02	0.111	40-50
AAC4	4.0	5.0	600	550-650	0.02		

## BAROOSH AAC block Dimensions (cm)

Width	Height	Length
10	20	60
12.5	20	60
15	20	60
20	20	60

