

**TECHNICAL DATA SHEET****Product Name** : Aluminium Powder for AAC Blocks**Grade** : MMP C 80**Product Description** :

Milled flake Aluminium powder is specially produced for adding into the aqueous alkaline slurry to evolve hydrogen gas bubbles in the making of light weight AAC Blocks. Different grades of powders are processed with specific attention to the size of bubbles formed and rate of evolution of gas to suit individual customer's requirement.

Characteristics	Test Method	Specification	
		Minimum	Maximum
Free Al. Purity % (min.)	IS-438	92	
Apparent Density gm/cc	ASTM B 417-76	0.14	0.17
Blaine cm <sup>2</sup> /gm	ASTM E 204-55	13000	16000
Particle Size Distribution D50 (µm)	Sympatec (Helos BF/BR - Magic)	25	27
H <sub>2</sub> Gas Evolution at 25°C in 16 Min. (cc)	In House	79 (Min)	---
Miscibility in Water	In House	Miscible	
Wet Sieve Analysis Retention on 45µm % (max.)	ISO 1247	---	12 % (Max)

Wet sieving with mineral spirit as rinsing liquid.

**Standard packing:** MS Drums duly painted inside and outside with Aluminium paint with 30 kg net content.

*The data on this technical data sheet correspond with the current status of our knowledge & experience. The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights. We reserve the rights to alter any product data as a result of technical progress or further developments in the manufacturing process.*



**H2 Gas Evolution Chart**

