# MMP Industries Limited

B-24, MIDC Area, Hingna Road, Nagpur-440016. CIN : L32300MH1973PLC030813 Tel : (07104) 668000, Email : sales@mmpil.com Web : www.mmpil.com



### **TECHNICAL DATA SHEET**

Product Name	:	Aluminium Powder for AAC Blocks

Grade : MMP C-75Fx

#### **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.

Characterisities	Test Method	Specification	
Characterisitics	Test Method	Minimum	Maximum
Free Al. Purity % (min.)	In House	92	
Apparent Density gm/cc	ASTM B 417-76	0.18	0.22
Blaine cm <sup>2</sup> /gm	ASTM E 204-55	10000	13000
Particle Size Distribution D50 (µm)	Sympatec (Helos BF/BR - Magic)	40	45
H2 Gas Evolution at 25°C in 16 Min. (cc)	In House	70 (Min)	
Miscibility in Water	In House	Miscible	
Wet Sieve Analysis (Retention on 45 μm % )	ISO 1247		35 % (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.

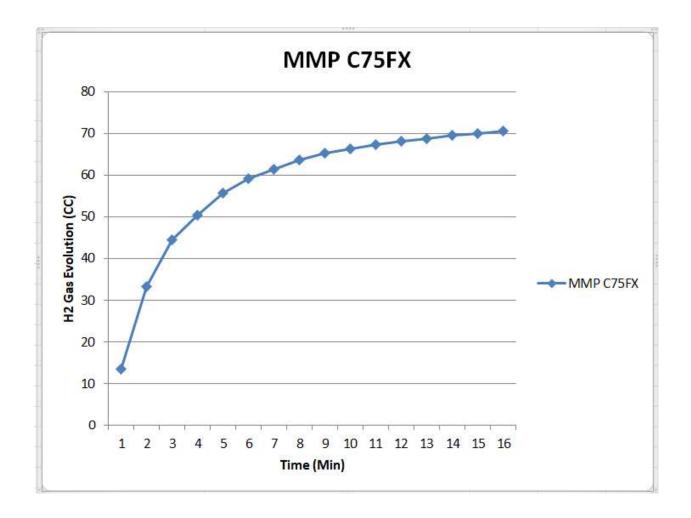
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### H2 Gas Evolution Chart



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