Aluminium Paste for AAC and Lightweight Concrete Blocks

Water-miscible paste, 80:20 aluminium to diethylene glycol | Grades: CO55 D to CO10 DP

Product Description

Aluminium paste for AAC blocks is a water-miscible paste of aluminium powder in diethylene glycol (DEG), supplied in an 80:20 ratio. It disperses easily in the block slurry, avoids the dust handling of dry powder and reacts to form the hydrogen pores that make AAC blocks light. The grade is chosen by the recommended block density category.

Ochnology is a manufacturer and supplier of aluminium paste for AAC blocks, exporting from India and supplying AAC plants in India and overseas. A 70:30 paste ratio can be supplied on request.

Grade Specifications (80:20 in DEG)

Grade	NVM (%)	Wet sieve <45 µm (%)	Particle size D50 (µm)	Recommended AAC block density (kg/m³, approx.)	Solvent
CO55 D	80 ± 3	35–60	60–75	700–800	DEG
CO66 D	80 ± 3	53–72	50–60	600–700	DEG
CO77 D	80 ± 3	70–81	40–50	500–600	DEG
CO88 D, CO88 DP	80 ± 3	83–94	25–35	400–500	DEG
CO99 D, CO99 DP	80 ± 3	90 min	20–30	350–400	DEG
NICO99 D, NICO99 DP	80 ± 3	91.5 min	15–20	350	DEG
CO10 DP	80 ± 3	98.0 min	8–14	350	DEG

Supply Details

Item	Detail
Form	Water-miscible aluminium paste (80:20 in diethylene glycol); 70:30 on request
Packing	As per order
Storage	Store in closed containers, away from moisture, heat and ignition sources
Certification	Test certificate (COA) supplied with each lot; third-party inspection available on request

Typical Applications

- Autoclaved aerated concrete (AAC) blocks
- Aerated lightweight concrete blocks and panels
- Dust-free gas-forming agent for AAC plants

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