



Production of Aluminium, Bronze and Copper  
in Powder, Paste and Granules

## TECHNICAL DATA SHEET

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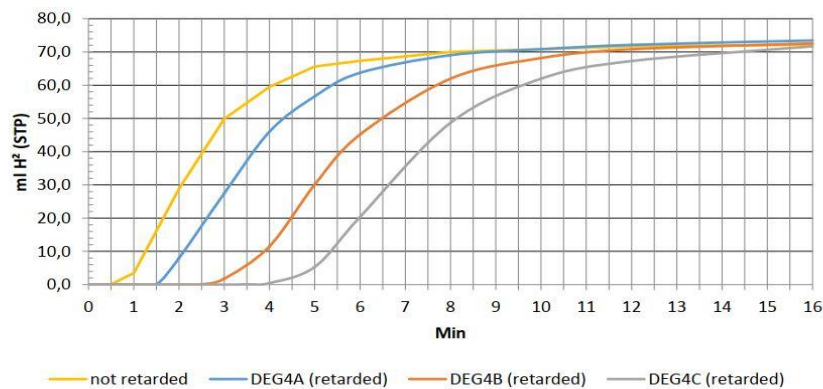
**PRODUCT TYPE:** ALUMINIUM PASTE for LIGHTWEIGHT CONCRETE with retarded reaction

**PRODUCT NAME:** AM1/DEG4A/70-30

**PRODUCT DESCRIPTION:** Flake Metal Paste for lightweight concrete based on Aluminium with diethylene glycol

Inspection Criteria	Unit	Lower lim. Value	Upper lim. Value	Test method
inspection criteria marked * are based upon powder analysis				
Purity of metal	%	99	-	
<b>Particle Size Distribution</b>				
D10*	µm	16	20	laser diffraction by Sympatec HELOS (dry)
D50*	µm	65	73	laser diffraction by Sympatec HELOS (dry)
D90*	µm	150	185	laser diffraction by Sympatec HELOS (dry)
Apparent density	g/cm <sup>3</sup>	0,40	0,80	ASTM B212-99
Pigment content	%	67	72	LCI.003.0
Solvent content	%	28	33	LCI.003.0
Specific surface*	cm <sup>2</sup> /g	7000	11000	LCI.004.0

Comparative overview of the calcium hydroxide reactivity (STP) of the different aluminium pastes for lightweight concrete with retarded reaction.



For more information and samples, please contact:

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