



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

TECHNICAL DATA SHEET

revision n°: 02 (date 06/06/2018), supersedes n°1 (date 01/06/2017) **Ident. N°:** AVL_TDS_S_EN_APACB_AM1_DEG4B_70_v02

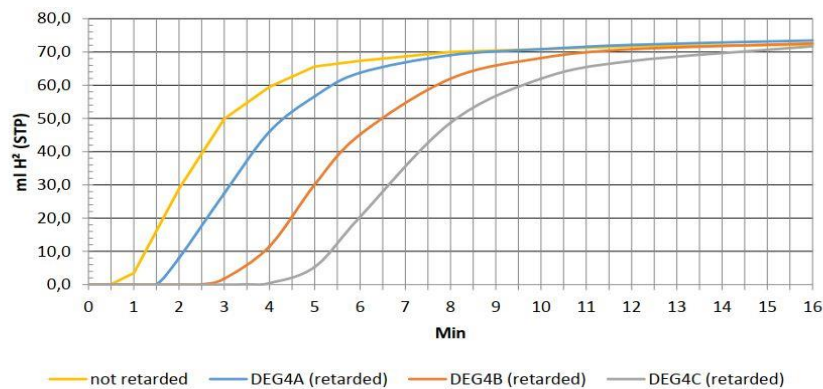
PRODUCT TYPE: **ALUMINIUM PASTE for LIGHTWEIGHT CONCRETE with retarded reaction**

PRODUCT NAME: **AM1/DEG4B/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	-	
Particle Size Distribution				
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 ³	0,40	0,80	ASTM B212-99
Pigment content	%	67	72	LCI.003.0
Solvent content	%	28	33	LCI.003.0
Specific surface*	cm ² /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:

AVL METAL POWDERS nv, Elleboogstraat 7, B-8500 Kortrijk, Belgium, Europe

T +32 (0) 56 22 00 21 - F +32 (0) 56 22 64 14

e-mail: sales@avlmetalpowders.com

website: <http://www.avlmetalpowders.com>

VAT BE 0405.375.371 - HR 7 Kortrijk



Please consult AVL website /GENERAL INFO at www.avlmetalpowders.com for additional information on our products related to shelf life and storage recommendations .

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depart. Name: QC, Stefaan De Forche