

M-LS BLOCKMIX.0/16 080321

EN 13055-1:2016

Lightweight aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for use in concrete, mortar and grout

Internal and external use

Particle Shape	Rounded / Sub-rounded	
Particle Size	1/16 Gc 90/10	
Loose Bulk Density	1100 + 100	Kg/m ³
Percentage of Crushed Particles	NPD	
Resistance to Fragmentation / Crushing	>5	N/mm ²
Composition / Content		
Water Soluble Chloride	<7.5	%Cl
Acid Soluble Sulfate	<4	%SO ₃
Total Sulfur	<2	%S
Volume Stability	NPD	
Water absorption	20 + 4	% Dry mass
Release of Heavy Metals		
Antimony	<0.06	mg/Kg
Arsenic	<0.50	mg/Kg
Barium	<50.00	mg/Kg
Cadmium	<0.04	mg/Kg
Chromium	<1.50	mg/Kg
Copper	<0.15	mg/Kg
Lead	<3.00	mg/Kg
Molybdenum	<1.00	mg/Kg
Nickel	<0.40	mg/Kg
Selenium	<0.10	mg/Kg
Zinc	<3.50	mg/Kg
Release of polyaromatic carbons	NPD	
Release of other dangerous substances	NPD	
Durability against freeze/thaw	<10	% loss in mass
Durability against alkali-silica reactivity	NPD	