

ROTOCELL[®] ECO

expanded by nature

ROTOCELL[®] ECO PLUS

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ROTOCELL[®] ECO is a lightweight and dry granulate that is enhanced to become very pure through a special grinding and sieving processes. ROTOCELL[®] ECO is used as an aggregate in the dry mortar industrie, as well as, a substrate in the construction chemical industries.

Product specifications ROTOCELL[®] ECO

grain sizes	ROTOCELL [®] ECO		ROTOCELL [®] ECO PLUS	
grain size in mm	0,04–0,09	0,09–0,3	0,04–0,09	0,09–0,3
bulk weight in kg/m ³	590 +/- 15%	440 +/- 15%	600 +/- 15%	450 +/- 15%
thermal conductivity in W/mK	*	*	*	*
average grain strength C _o N/mm ²	*	22**	*	22**
melting point in °C	1000	1000	1000	1000
pH value	9–11	9–11	9–11	9–11
colour	beige	beige	beige	beige
average gross grain density in kg/m ³	*	700	*	700
Mohs hardness	3	3	3	3
oversize and undersize grain	≤10% / ≤15%	≤10% / ≤15%	≤10% / ≤15%	≤10% / ≤15%

* upon request | ** determined in line with DIN V 18004

Application area ROTOCELL[®] ECO

Lightweight aggregate for:

- plaster
- mortar
- fine concretes
- construction chemical products
- fire and sound proofing panels
- insulation products
- fills
- oil absorber

Advantages ROTOCELL[®] ECO

- very low weight
- high compressive strength
- high breathability
- non-flammable
- 100% mineral
- 100% recyclable