



Product Data Sheet:

Re-Act™ 4 - Recycled Glass Pozzolan

Re-Act™ 4 is a fine, white colored, amorphous, glass powder made from 100% recycled glass with excellent pozzolanic properties and a similar water demand to ordinary portland cement. Through a patented recycled glass sorting and cleaning process along with our state-of-the-art manufacturing, we have created an environmentally safe and sustainable secondary cementitious material suitable for many applications as listed below. This product conforms with ASTM C1866/ CSA A3000-21.

Applications: Concrete (as a slag and fly-ash replacement); pre-cast; UHPC; desirable in decorative concrete requiring a white siliceous material.

Packing: Bulk super-sack, 50 lb. bags; other packaging options are available on request.

Storage: Dry storage. Avoid contact with moisture. Maintain seal.

Safety: **Re-Act™ 4** is amorphous. Material Safety Data Sheet available on request.

Environmental: Lower your Global Warming Potential (1 ton cement replaced = 1 ton CO₂ removed.) Complies with ISO 14001:2004, OHSAS 18001:2007, and R2:2013. EDP forthcoming.



Typical Characteristics¹

Analysis	Typical	Min	Max
SiO ₂ (%)	70.0	68.0	80
Fe ₂ O ₃ (%)	0.5	0.1	1.0
Al ₂ O ₃ (%)	1.0	0.3	5.0
CaO (%)	10.0	2.0	15.0
NaEq (%)	13.0	7	15.0
>45μ(%)	0.0	0.0	0.0
LOI	0.2	0	0.5
Pozzolanic Activity (%) 28d	107	100	125
Water Demand (%)	99	97	102
Brightness (L*)	94	90	97

¹These values describe a mean range and do not represent a specification.

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