SWECEM

2018-02-28

Declaration of product for Swecem GGBFS

1. Product	Swecem GGBFS		
2. Identification code of the product	Ground Granulated Blast-furnace Slag (GGBFS)		
3. Intended use of the construction product	A hydraulic binder, can be used in combination with Ordinary Portland Cement to produce high performance, low carbon concrete, dry mix mortars, binders and screeds.		
4. Name and contact address of the manufacturer	Ecocem Materials LTD, F1 Eastpoint Office Park, Dublin 3, Ireland	5. Supplier	Swecem AB Box 1291, SE-262 24 Ängelholm Sweden
6. Information:	E-mail: info@swecem.com	7. Sale:	Ludwig Zetterström Ludwig.zetterström@swecem.com

8. Declared value for Swecem GGBFS according to EN 196-1

Combination		Comprehensive strength			Activity index		Initial setting time
Ecomcem GGBFS	CEM I	7 days	28 days	56 days	7 days	28 days	
0%	100%	45	58	61	-	-	120
50%	50%	35	59,5	65	78%	103%	170
70%	30%	27,5	54	58,5	61%	93%	200
Blaine		4450 cm^2/g			Environmental Product Declaration (EPD EN 15804)		20-42 kg CO_2/ton
Relative density		2,8-3 g/cm^3			SRI 50 % GGBFS		60
Bulk density		0,8-1,2g/cm^3			SRI 70 % GGBFS		74