



Declaration of Performance

Hanlon Concrete Products Ltd.
Lowtown, Robertstown, Naas, Co Kildare

18

0050 - CPR - 0758

Fine Aggregate for use in Concrete and Concrete Masonry Units

Table 1 – Product Type and identification:

Name / Identification	Category to I.S. EN 12620:2002
Concrete Sand (EN 12620)	0/4 (Gf85) CP

Intended Use: Aggregates for use in Concrete and Concrete Masonry Units.

Manufacturer: Hanlon Concrete Products Ltd.
Lowtown, Roberstown, Naas, Co Kildare.

System of AVCP: System 2+

Harmonized Standards:

- I.S. EN 12620:2002+A1:2008 - Aggregates for Concrete
- S.R. 16:2016 - Guidance on the use of I.S. EN 12620:2002 +A1:2008 - Aggregates for concrete

Declared Performance: The declared essential characteristics and performance of each product is as follows:

Table 2 – Essential Characteristics and Performance:

Essential Characteristics	Category to I.S. EN 12620:2002+A1:2008
Grading / Particle size	0/4 (Gf85) CP
Fines content	f ₃
Water Absorption	≤2
Magnesium Sulfate Soundness	MS ₁₈
Acid-Soluble Sulfate Content	AS _{0.2}
Total Sulfur (Ts)	≤0.1
Geological Examination	Mudrock <10%
Petrographic Assessment (Thin Section) (Only for 0.1% < Ts < 1%)	Ts ≤0.1

Signed: *Fergus O'Hara.*

Date: *15th September 2022*

Fergus O'Hara



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I.S. EN 12620:2002+A1:2008

Fine Aggregate for use in Concrete and Concrete Masonry Units – Concrete Sand

Particle Size	0/4 (Gf85) CP
Particle Density	
Apparent Particle density	2.54 Mg/m ³
Saturated and surface-dried	2.51 Mg/m ³
Oven-dried	2.48 Mg/m ³
Cleanliness	
Fines Content	f ₃
Shell Content	N/A (Non marine source)
Composition/Content	
Classification of fine recycled aggregate	Non recycled material
Chlorides	<0.01%
Acid Soluble Sulfates	AS _{0,2}
Total Sulfur	S _{0,1}
Water Soluble Sulfate Content	SS _{0,1}
Setting hardening	NPD
Volume stability	
Drying Shrinkage	≤0,075
Water Absorption	<2%
Release of heavy metals	NPD
Release of polyaromatic carbons	NPD
Release of other dangerous substances	NPD
Durability against freeze-thaw	NPD
Magnesium Sulfate Soundness	MS ₁₈
Alkali Silica Reactivity	Innocuous



NSAI

**CERTIFICATE OF CONFORMITY OF THE FACTORY
PRODUCTION CONTROL**

0050 - CPR - 0758

System 2+

In compliance with the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC, it has been stated that the construction product:

Aggregates in accordance with Annex ZA of the following:

I.S. EN 12620:2002 + A1:2008	Aggregates for concrete
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Placed on the market by:

**Hanlon Concrete Products Ltd
Lowtown
Robertstown
Naas
Co. Kildare**

And produced in the factory:

**Hanlon Concrete Products Ltd
Lowtown
Robertstown
Naas
Co. Kildare**

is submitted by the manufacturer to the initial type-testing of the product and its factory production control and that the approved body – National Standards Authority of Ireland – has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standards listed above were applied.

This certificate was first issued on 15/02/2018 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Signed:



Seán Balfe – Director of Sustainability & the Built Environment

File no: 1.129.089

Approval Date: 15/02/2018

Last amended Date: 21/12/2021

Expiry Date: 14/02/2023

Issued By : NSAI, 1 Swift Square, Northwood Business Park, Santry, Dublin 9.