Declaration of Performance

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

22

0050 - CPR - 1144

Aggregate for use in Floor Screeds

***Table 1 – Product Type and identification*:**

Name / Identification	Category to I.S. EN 13139:2002&AC:2004
Floor Screeds Sand (0/4 CP)	0/4 CP (Floor Screeds)

Intended Use: Aggregate for use in Floor Screeds.

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

System of AVCP: System 2+

Harmonized Standards:

- I.S. EN 13139:2002&AC:2004 - Aggregates for mortar
- S.R. 18:2021+AC:2021 - Guidance on the use of I.S. EN 13139:2002 - Aggregates for mortar

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 13139:2002&AC:2004
Particle shape	NPD
Particle size	0/4 CP (Floor Screeds)
Particle density Apparent particle density Saturated and surface-dried Oven-dried	 2.67 Mg/m³ 2.65 Mg/m³ 2.64 Mg/m³
Cleanliness Fines Content Shell Content Methylene Blue	 Category 1 (f≤3) N/A (Non marine source) ≤0.5 g/kg
Composition/Content Chlorides Acid Soluble Sulfates Total Sulfur Setting hardening Fulvo acid content Humus content	 <0.01% $AS_{0,2}$ $S_{0.1}$ NPD Negative Negative
Volume stability	NPD
Water Absorption	<2%
Emission of radioactivity	NPD
Release of heavy metals	NPD
Release of polyaromatic carbons	NPD
Release of other dangerous substances	None detected
Durability against freeze-thaw Magnesium Sulfate Soundness	 MS_{18}
Durability against alkali silica reactivity	Innocuous

Signed: *Fergus O'Hara.* Date: 08th *November 2024*

Fergus O'Hara

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I.S. EN 13139:2002&AC:2004

Aggregate for use in Floor Screeds

Particle Shape	NPD
Particle Size	0/4 CP (Floor screeds)
Particle Density	
Apparent particle density	2.67 Mg/m³
Saturated and surface-dried	2.65 Mg/m³
Oven-dried	2.64 Mg/m³
Cleanliness	
Fines Content	Category 1 (f≤3)
Shell Content	N/A (Non marine source)
Methylene Blue	≤0.5 g/kg
Composition/Content	
Chlorides	<0.01%
Acid Soluble Sulfates	$AS_{0,2}$
Total Sulfur	$S_{0.1}$
Setting hardening	NPD
Fulvo acid content	Negative
Humus content	Negative
Volume stability	NPD
Water Absorption	<2%
Emission of radioactivity	NPD
Release of heavy metals	NPD
Release of polyaromatic carbons	NPD
Release of other dangerous substances	None detected
Durability against freeze-thaw	
Magnesium Sulfate Soundness	MS_{18}
Durability against alkali silica reactivity	Innocuous

NSAI, 1 Swift Square, Northwood, Dublin 9, Ireland, D09 A0E4

Certificate of conformity of the factory production control,

0050 - CPR - 1144

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Aggregates for mortar

Placed on the market under the name of:

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

and produced in the manufacturing plant:

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

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

I.S. EN 13139:2002

under system 2+ are applied and that

the factory production control is assessed to be in conformity with the applicable requirements

This certificate was first issued on 17 February 2022 and remains valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

File Number:	1.147.012
Approval Date:	17 February 2022
Last Amended Date:	29 May 2025
Expiry Date:	16 February 2026

Signed:

Mr. Kevin D. Mullaney
Director of Certification, NSAI

All valid NSAI certifications are listed on NSAI's website – www.nsai.ie. The continued validity of this certificate may be