



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

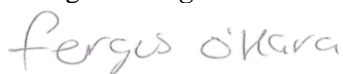
Declared Performance: The declared essential characteristics and performance of each product is as follows:

Table 2 – Essential Characteristics and Performance:

Essential Characteristics	Category to I.S. EN 13139:2002
Particle shape	NPD
Particle size	0/4 CP (Floor Screeds)
Particle density Apparent particle density Saturated and surface-dried Oven-dried	2.69 Mg/m ³ 2.68 Mg/m ³ 2.66 Mg/m ³
Cleanliness Fines Content Shell Content Methylene Blue Sand Equivalent	Category 1 (f ₃) N/A (Non marine source) 0.4 g/kg 94
Composition/Content Chlorides Acid Soluble Sulfates Total Sulfur Setting hardening Chloride ion content Fulvo acid content Humus content	<0.01% AS _{0,2} S _{0,1} NPD <0.001 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: 24th March 2023



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

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I.S. EN 13139:2002

Aggregate for use in Floor Screeds

Particle Shape	NPD
Particle Size	0/4 CP (Floor screeds)
Particle Density	
Apparent particle density	2.52 Mg/m ³
Saturated and surface-dried	2.49 Mg/m ³
Oven-dried	2.48 Mg/m ³
Cleanliness	
Fines Content	Category 1 (f ₃)
Shell Content	N/A (Non marine source)
Methylene Blue	0.4 g/kg
Sand Equivalent	94
Composition/Content	
Chlorides	<0.01%
Acid Soluble Sulfates	AS _{0,2}
Total Sulfur	So.1
Setting hardening	NPD
Chloride ion content	<0.001
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



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

0050 - CPR – 1144

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:

EN 13139:2002/AC:2004	<i>Aggregates for mortar</i>
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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 17/02/2022 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: 1.147.012

Approval Date: 17/02/2022

Last amended Date: 06/02/2023

Expiry Date: 16/02/2024

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