



Declaration of Performance

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

14

Masonry Mortar

General purpose mortar, intended for use in masonry walls, columns, and partitions

Table 1 – Product Type and identification:

| Name / Identification | Compressive Strength (N/mm ²) |
|-----------------------|---|
| Masonry Mortar M6 | ≥6.0 |

- Intended Use:** General purpose mortar intended for use in masonry walls, columns, and partitions.
- Manufacturer:** Hanlon Concrete Products Ltd.
Lowtown, Roberstown, Naas, Co Kildare.
- System of AVCP:** System 4
- Harmonized Standards:**
- I.S. EN 998-2:2016 - Specification for mortar for masonry - Part 1: Rendering and plastering mortar

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

Table 2 – Essential Characteristics and Performance:

| Essential Characteristics | Performance to I.S. EN 998-2:2016 |
|---|--|
| Compressive strength | Category M6 (≥ 6.0 N/mm ²) |
| Proportion of constituents by volume (prescribed) | 1:3 to 4 (Cement : Sand) |
| Chloride content | <0.1% |
| Reaction to Fire | Class A1 |
| Water Absorption | NPD |
| Water Vapour Permeability | μ 15/35 (Tabulated Value) |
| Thermal Conductivity | ($\lambda_{10,dry}$) 0,82 W/mk (Tabulated Value mean; P = 50%) |
| Durability (against freeze-thaw) | Evaluation based on previsions valid in the intended place of use of the mortar. |

Signed: *Fergus O'Hara.*

Date: *15th September 2022*

Fergus O'Hara

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