

Type C Waterproofing

E-C-03R SPECIFICATION SHEET

Internal Waterproofing of Existing Structure

Rev 4.1 - 29 January 2024

BUILD

WALL CONSTRUCTION:

Existing Brick

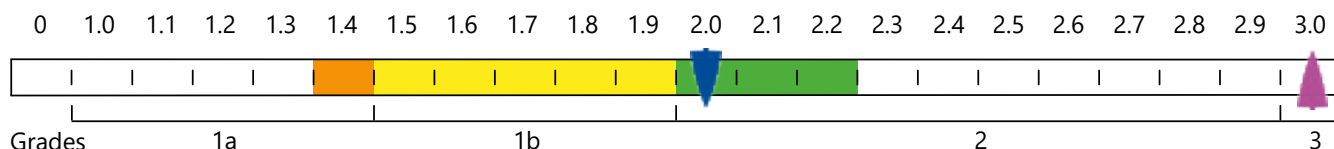
FLOOR CONSTRUCTION:

Existing Slab

NWI SCALE

Waterproofing solutions can only achieve environmental Grades 1a, 1b or 2.

Refer to page 5 of the Newton Design Philosophy



 NWI Score when ventilation has not been included.

 Ventilation, dehumidification or air conditioning is necessary; appropriate to intended use to achieve Grade 3 - BS 8102:2022.

This specification employs 1 form of waterproofing (Type C - Drained Protection) to provide the desired internal environment is achieved. The effectiveness of the waterproofing is dependent on the Type C system being installed correctly.



SPECIFICATION

TYPE C INSTALLED INTERNALLY

Waterproof internally with [Newton CDM System](#) providing drained protection.

NEWTON WATERPROOFING INDEX

The Newton Waterproofing Index (NWI) is a unique scoring system that accurately assesses the level of risk and potential success of specific waterproofing specifications. The NWI score is awarded by a panel of experienced waterproofing design specialists and reflects the chances of success of that specification. The scoring system works in conjunction with the British Standard for waterproofing, which defines the three types of internal environments as Grades 1a, 1b, 2 and 3.

NOTES

IMPORTANT: Cutting of the slab/raft to form a recess may affect the integrity of the structure and should only be carried out under the guidance of a structural engineer.

To improve the NWI score please see Newton Specification Sheet E-CA-04.

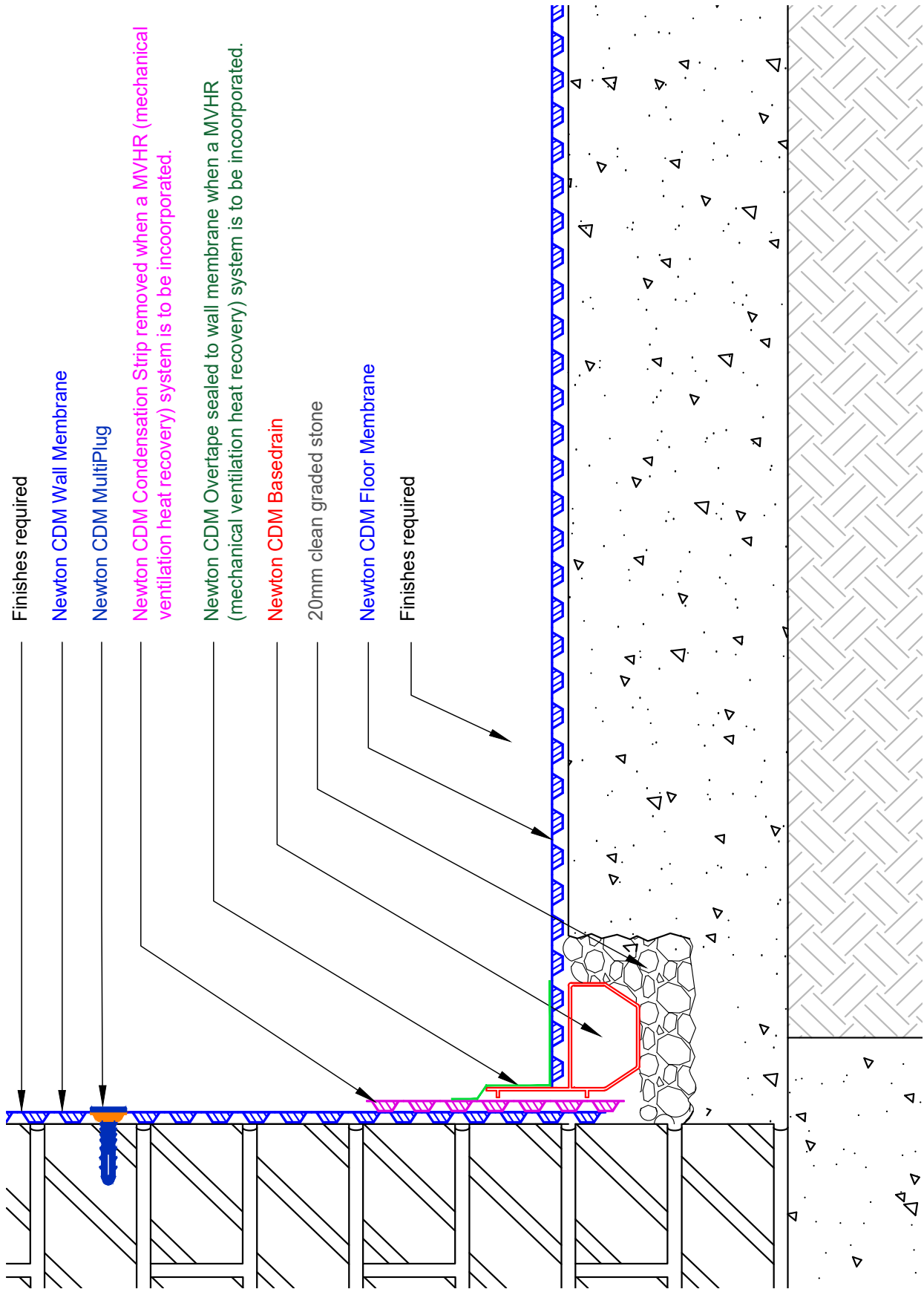
The detailing of other building elements and termination details are available within the Newton Waterproofing specification library.

A-RATED INSURANCE

[Tailor made insurance policies available depending on the specialist contractor and specification.](#)

E-C-03R

Internal Waterproofing of Existing Structure



Type A & C Waterproofing

E-C-03R SPECIFICATION OUTLINE

Internal Waterproofing of Existing Structure

**Specification****Description**

E-C-03R

Drained waterproofing to existing concrete slab and Existing Brick wall structure. No gas protection.

Build

Existing walls and slab to comply with section 10.1 of the BS8102:2022.

Recess

IMPORTANT: Cutting of the slab/raft to form a recess may affect the integrity of the structure and should only be carried out under the guidance of a structural engineer.

NEWTON CDM SYSTEM

Maintainable basement waterproofing solution ideal for new-build basements and refurbishment projects. Comprises four components: Cavity Drain Membranes, Drainage, Pumps and Control Systems. Complies with the British Standard for Waterproofing.