

# Product Review

Muravyl

Heterogenous Vinyl Wallcovering

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#### Product class

Class 1 - Batch or mass-produced products

#### Product name

Muravyl - Heterogenous Vinyl Wallcovering.

#### Product description and its intended use

Muravyl is a high-performance heterogenous sheet for installation on vertical surfaces for impact and moisture protection. The term heterogenous is taken to mean that the product is manufactured using differing layers fused together under pressure and high temperature. Muravyl heterogenous sheet vinyl is comprised of a polyvinyl chloride material with a backing and wear layer for durability. Heterogenous sheet vinyl is supplied in full rolls of either 2.0m wide, full roll length is 20m.

#### Product identifier

Muravyl - 1001, 1217 and 1220.

(Note other indent colour options may be available, contact Advance Flooring for further information)

#### Place Manufactured (New Zealand or Overseas)

Overseas, manufactured in Hungary.

#### Relevant Building Code clauses

B2 Durability	Performance clause B2.3.1 c) 5 years
C3 Fire Affecting Area beyond the source	Performance clause C3.4 a) - does not apply to detached dwellings, within household units in multi-unit dwellings or outbuildings and ancillary buildings.
E3 Internal Moisture	Performance clause E3.3.3 and E3.3.5
F2 Hazardous Building Materials	Performance clause F2.3.1
G3 Food preparation and prevention of contaminants	Performance clause G3.3.2 a) and G3.3.2 b)

Advance Flooring Systems Ltd

[sales@advanceflooring.co.nz](mailto:sales@advanceflooring.co.nz)

[www.advanceflooring.co.nz](http://www.advanceflooring.co.nz)

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#### Statement of how the building product is expected to contribute to compliance

##### **B2 Durability - B2.3.1 c)**

- Muravyl has a durability beyond 5 years, based on NZBC B2/VM1 clause 1.1 In-service history.
- Durability supported by a 10 year product warranty.

##### **C3 Fire Affecting Area Beyond the Source - C3.4 a)**

- Muravyl wall vinyl has been tested and certified to EN 13823 and EN ISO11925-2) and classified to EN 13501 - 1 as an alternative solution. Refer to PAVUS, a.s Test Report PK1-01-14-045-E-0 dated 4 July 2014. Muravyl wall vinyl achieves Group Number 1-S.

##### **E3 Internal Moisture - E.3.3 and E3.3.5**

- Muravyl wall vinyl is an acceptable solution defined under E3/AS1, 3.1.1 (a) as integrally water-proof sheet material.

##### **F2 Hazardous Building Materials - F2.3.1**

- Muravyl wall vinyl is manufactured from nontoxic materials and is phthalate, solvent and heavy metal free.

##### **G3 Food preparation and prevention of contamination - G3.3.2 a) and G3.3.2 b)**

- Muravyl wall vinyl is impervious and easily cleaned.
- Muravyl wall vinyl is free from hazardous materials.

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#### Limitations on the use of the building product

- Wall and door protection for interior applications only

#### Design requirements that would support the appropriate use of the building product

- Muravyl wall vinyl is suitable for all areas requiring a high performing, durable, easy to clean smooth hard surface.

#### Installation requirements

- Install in accordance with Advance Flooring Installation guide for Muravyl wall vinyl.
- Ensure substrate is smooth, dry, clean, and free from contamination.
- Substrate must have a relative humidity of 75% or below.
- Must be laid with using adhesive specified and recommended Advance Flooring
- When installed in wet areas the flooring must be edge sealed as detailed in Advance Flooring installation guidelines, and seams welded where required as per best practise guidelines.

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#### Maintenance requirements

- Maintenance to be in accordance with Advance Flooring guide for Muravyl wall vinyl.

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