



PRODUCT DETAILS

Product name **Pro-Aggregate EM**
Product type Skid-resistant aggregate

PRODUCT DESCRIPTION

Pro-Aggregate EM is a hard-wearing natural emery mineral used in **Pro-BW® Plus** and **Pro-BW® LO** systems.

APPLICATION

Pro-Aggregate EM is applied to **Pro-BW® Plus** and **Pro-BW® LO** when areas require a skid-resistant finish.

INSTALLATION

Refer to **Pro-BW® Plus Application Guide** for detailed installation procedure of the main system, before proceeding with application of **Pro-Aggregate EM**.

- Mask areas with low-tack tape
- Apply a layer of **Pro-BW® Plus Resin** (or **Pro-BW® LO Resin**) at **0.5 L/m²**, and broadcast **Pro-Aggregate EM** at a minimum rate of **2-3 kg/m²**
- Remove tape whilst still wet and allow to cure
- Remove all loose aggregate which may be recovered for future use
- Protect the surface by applying **Pro-BW® Plus Sealer** at a minimum rate of **0.5 L/m²** on main deck only, not on ungritted surfaces like verticals

CERTIFICATION

Type	Name	Reference
BBA	Pro-BW Plus®	18/5574

TECHNICAL INFORMATION

Characteristic	Value	Unit
Particle shape	Angular	-
Specific gravity	3.5 - 4.1	g/cm ³
Bulk density	1.6 - 1.9	g/cm ³
Aggregate abrasion value	2.29	-
Polished stone value	85	-
Hardness	8.5 - 9.5	Mohs
Loss on ignition	2.2 - 3.0	%

Chemical Analysis		
Chemical	Value	Unit
Al ₂ O ₃	61 – 67	%
Fe ₂ O ₃	24 – 25	%
SiO ₂	5 – 8	%
TiO ₂	2.5 – 4.0	%
MgO	0.2 – 0.7	%
CaO	0.3 – 1.5	%

SIZE, FINISH AND COLOUR

Product Code	Particle Size mm	Weight kg	Colour
AGEM0225	0.5 – 1.0	25	Dark Grey

HANDLING

- Always use relevant safe manual handling techniques for product of this size and weight
- Wear suitable protective equipment

MATERIAL

Natural emery mineral.

PACKAGING

Supplied in **25kg** bags.

LIMITATIONS OF USE

For professional use only.

GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings - Code of practice
- **BS 8217** Reinforced bitumen membranes for roofing - Code of practice
- **BS 8000-0** Workmanship on construction sites - Introduction and general principles
- **BS 8000-4** Workmanship on building sites - Code of practice for waterproofing
- **LRWA** [Design Guide for Specifiers](#)
- **S2T** [Safe to Torch](#)
- **GRO** [Code of Best Practice](#)