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#### Validity

Users of any Agrément certificate should check its status: all currently valid certificates are listed on the website. In addition, check whether the certificate is [Active or Inactive](#).

The certificate holder is in possession of a confirmation certificate attesting to his status.

**SANS 10400** *The application of the National Building Regulations*

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#### Subject:

### Amoriguard Wall Coating System

#### Certificate holder:

### Amoriguard (Pty) Ltd

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#### Description and use

The certificate covers the use of Amoriguard Wall Coating System as an interior and exterior two-coat application acrylic emulsion decorative paint in all regions of South Africa for all types of occupancy classes (**SANS 10400: Table 1 of Regulation A (20) (1)**), on sound, suitably prepared, internal and external substrates as set out below:

- sand-cement plaster
- sand-cement bagged finishes
- cast *in-situ* concrete/precast concrete
- the above surfaces previously painted with PVA paint and
- prepared gypsum and fibre cement boards.

Amoriguard Wall Coating System's natural colour is light grey and can be tinted to a range of medium and dark colours. The paint is packaged in 5 litre and 20 litre containers. It is thoroughly stirred on site before application. It is applied using a brush or roller according to manufacturer's instructions.

This certificate and Agrément South Africa's assessment apply only to Amoriguard Wall Coating System manufactured by the certificate holder and applied by trained applicators to suitably prepared surfaces as described in this certificate, and where terms and conditions of certification are adhered to.

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## PREAMBLE

This certificate is issued by Agrément South Africa in terms of the powers granted to it by the Minister of Public Works. This certificate:

- has been granted after a technical appraisal of the performance of Amoriguard Wall Coating System for the [uses](#) covered by the certificate
- is independent of any patent rights that may or may not subsist in the subject of the certificate and
- does not relieve the certificate holder from the obligation to obtain the prior approval of the building authority concerned for the use of the subject.

Agrément South Africa considers that the quality and performance of Amoriguard Wall Coating System will be satisfactory provided that the requirements stipulated in this certificate are adhered to. However, Agrément South Africa does not on behalf of itself, or the State, or any of its employees or agents guarantee such quality or performance.

Responsibility for compliance with the requirements of this certificate and the quality of the finished products resides with the certificate holder.

No action for damages, or any other claim whatsoever, lies against Agrément South Africa, its members, the State or any of its employees should the said components and materials fail to comply with the standard set out in this certificate.

Interested parties or users who are in any doubt about any detail or variation, should contact [Agrément South Africa](#).

The validity of this certificate is reviewed every three years. The certificate shall remain valid as long as Agrément South Africa is satisfied that:

- the certificate holder complies with the general and specific conditions of certification and the technical requirements stipulated in the certificate
- the performance-in-use of the subject is acceptable, and
- any changes in building legislation, regulations, relevant standards or Agrément performance criteria have not invalidated the technical assessment which formed the basis of certification.

Agrément South Africa reserves the right to withdraw the certificate at any time, should reasonable cause exist.

Notices affecting the validity of this certificate will be published in the *Government Gazette*.

## PART 1: CONDITIONS OF CERTIFICATION

The certificate only covers Amoriguard Wall Coating System manufactured by the certificate holder where the coatings are applied:

- by applicators who are trained by the certificate holder,
- to suitably prepared, internal and external surfaces as follows:
  - sand-cement plaster
  - sand-cement bagged finishes
  - *cast-in-situ* concrete/precast concrete
  - the above surfaces previously painted with PVA paint and
  - prepared gypsum and fibre cement boards.

Any change to the production process, the material formulation or the method of application could result in various aspects of the performance of this product no longer complying with Agrément criteria.

Any change not authorised by Agrément South Africa prior to its implementation would invalidate this certificate and the certificate could then not be used to demonstrate compliance with the National Building Regulations.

**SANS 17050-1:** Conformity assessment-Supplier's declaration of conformity Part 1: General requirements.

**SANS 17050-2:** Conformity assessment-Supplier's declaration of conformity Part 2: Supporting documentation.

Amoriguard (Pty) Ltd shall be responsible for the accuracy of the information contained within the Material Data Sheets, Technical Data Sheets and Material Performance Specifications, and all other information pertaining to the supply and application of Amoriguard Wall Coating System. Amoriguard (Pty) Ltd shall submit a COA (Certificate of Analysis) and COC (Certificate of Compliance) in terms of the requirements stipulated in **SANS 17050-1** Suppliers declaration of conformity when requested by Agrément South Africa in accordance with the documentation requirements of **SANS 17050-2**. Should Amoriguard (Pty) Ltd change or substitute any ingredient in the formulation of the product in question, then a notification shall be addressed to Agrément South Africa immediately.

### Amoriguard Wall Coating System

Tested and approved fit for purpose when constructed as specified in

**CERTIFICATE 2016/512**



### General conditions

#### Marking

The containers used to package the product must be suitably marked with Agrément South Africa's identification logo illustrated here and a note to the effect that only coatings applied by approved applicators can be claimed to be in accordance with this certificate.

#### Validity

The continued validity of this certificate is subject to a satisfactory review by Agrément South Africa every three years.

### Quality monitoring

The certificate holder is required to participate in Agrément South Africa's post-certification quality management system, which requires:

- that the certificate holder shall continue to implement and manage the quality system approved by Agrément South Africa in the assessment of Amoriguard Wall Coating System
- the co-operation of the certificate holder in facilitating post-certification quality monitoring by Agrément South Africa or its authorised agents.

### Reappraisal

- must be requested by the certificate holder prior to making changes to the coating system
- will be required by Agrément South Africa if there are changes to the National Building Regulations or Agrément South Africa.

The conventional aspects of the construction are subject to the rules of good building practice (typically as described and illustrated in Agrément South Africa's [Supplement to certificates](#) and in the *Home building Manual Parts 1, 2 & 3* issued by the National Home Builders Registration Council), and must comply with the National Building Regulations.

This certificate may be withdrawn if the certificate holder or a registered licensee fails to comply with these requirements.

### Requirements of Supplement to certificates that must be met

The [Supplement to certificates: good building practice](#) (revised 2001) applies to those conventional aspects of Amoriguard Wall Coating System that have not been specifically assessed (see Part 2: *Scope of assessment* on next page). Cognisance should be taken of the recommendations contained in the *Supplement to certificates* to ensure that an acceptable standard of construction is consistently maintained.

On behalf of the Board of Agrément South Africa

Signed



Chairperson

June 2016

## PART 2: ASSESSMENT

### Scope of assessment

The assessment is based on:

- a factory inspection
- documentation provided by the applicant
- known behaviour of the materials used in the coatings
- the applicant's quality management system
- tests conducted on substrates listed on page 1 and coated as described in this certificate, and
- tests conducted on the product.

### Assessment

In the opinion of Agrément South Africa, Amoriguard Wall Coating System is suitable for the [uses](#) specified on page 1, in all regions of South Africa.

Agrément South Africa's detailed comments on the various aspects of performance of the coating system are set out in Tables 1 and 2 below. Each aspect of performance was assessed by experts in that field.

Where applicable, the performance of the coatings relate to the National Building Regulations as set out in Table 1. Any national building regulation not specifically referred to is considered to be outside the scope of this certificate and must be applied by the local authority in the normal manner.

Republic of South Africa. **National Building Regulations**, Government Notice No. R711, Government Gazette No. 34586, Pretoria, South Africa, 09 September 2011.

### Compliance with the National Building Regulations

The innovative aspects of Amoriguard Wall Coating System relate to the National Building Regulations as set out in Table 1. Any regulation not specifically referred to is considered to be outside the scope of this certificate and must be applied by the local authority in the normal manner.

**Table 1: Performance**

Aspects of performance	Opinion of Agrément South Africa	National Building Regulations satisfied
<b><i>Fitness-for-purpose of materials used</i></b>	The quality and suitability of the materials are satisfactory.	The materials used in the Amoriguard Wall Coating System are deemed to satisfy the requirements of regulation <b>A13 (1) (a)</b> Part A: Administration.
<b><i>Behaviour in fire</i></b>	Satisfactory. Amoriguard Wall Coating System is regarded as non-combustible when applied to a thickness of less than 1 mm and in accordance with the manufacturer's instructions to the substrates listed.	Amoriguard Wall Coating System is deemed to satisfy the requirements of regulation <b>T1 (d)</b> , Part T: Fire protection, as regards the spread of fire and generation of smoke. Deemed-to-satisfy rule <b>TT5.2 (c)</b> , <b>SANS 10400</b> has been met.
<b><i>Resistance to water penetration</i></b>	Satisfactory.	Deemed-to-satisfy rule <b>KK17</b> , Part K: <i>Walls</i> , has been met.

**Table 2: Assessment**

Aspects of performance	Opinion of Agrément South Africa	Explanatory notes
<b><i>Bond strength and adhesion</i></b>	Satisfactory. <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"><b>MOAT No. 33: 1986</b> <i>The assessment of Masonry Coatings</i></div>	Tested in accordance with the method described in the British Board of Agrément: Method of Assessment and Testing: <b>MOAT No. 33: 1986</b> . Surface preparation and application are important and must be carried out in accordance with Part 3 of this certificate.
<b><i>Colour stability</i></b>	Satisfactory.	Agrément's opinion is based on knowledge of the materials and on tests conducted to determine colour stability. Samples of the product were exposed to UV light in an accelerated weathering apparatus for 1000 hours. No chalking or other defects were detected on the samples.
<b><i>Resistance to abrasion</i></b>	The resistance to abrasion of Amoriguard Wall Coating System is satisfactory.	Agrément's assessment is based on the inspection of samples coated with this coating system and on the results of tests in accordance with <b>ASTM D 2486-99</b> . <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"><b>ASTM D 2486-99</b> <i>Scrub resistance of Interior Latex Flat Wall Paints</i></div>
<b><i>Durability</i></b>	Satisfactory, where the coating system is applied to properly prepared wall substrates of the type specified on page 1 under description and use.	Amoriguard Wall Coating System is more flexible than an ordinary acrylic paint and can accommodate minor movement of the substrate without cracking. The coating system can withstand frequent washing with water without deterioration, provided that a brush or roller is used. Mechanical damage or frequent abrasion to the top coat may

		result in a requirement for recoating at more frequent intervals.
<b>Water vapour permeability</b>	Satisfactory.	The coating system was tested to be sufficiently water vapour permeable not to cause interstitial condensation in the wall.
<b>Quality management system</b>	The certificate holder's quality management system complies with Agrément South Africa's requirements.	<p>When properly implemented, the quality management system will ensure that the quality of Amoriguard Wall Coating System is consistently maintained.</p> <p>Agrément South Africa's requirements are based on <b>SANS/ISO 9001</b>.</p> <div style="border: 1px solid green; padding: 5px; margin-top: 10px;"> <p><b>SANS/ISO 9001</b> <i>Quality management systems – Requirements'</i></p> </div>



## PART 3: TECHNICAL DESCRIPTION

### General description

The certificate covers the use of Amoriguard Wall Coating System as an interior and exterior two-coat application acrylic emulsion decorative paint in all regions of South Africa for all types of occupancy classes (**SANS 10400: Table 1 of Regulation A (20) (1)**), on sound, suitably prepared, internal and external substrates as set out below:

- sand-cement plaster
- sand-cement bagged finishes
- cast in-situ concrete/precast concrete
- the above surfaces previously painted with PVA paint and
- prepared gypsum and fibre cement boards.

Amoriguard Wall Coating System's natural colour is light grey and can be tinted to a range of medium and dark colours. The paint is packaged in 5 litre and 20 litre containers. It is thoroughly stirred on site before application. It is applied using a brush or roller according to manufacturer's instructions.

### Manufacturing process

Amoriguard Wall Coating System is manufactured by Dekro Paints (Pty) Ltd. This wall coating system is produced through a batch process involving the mixing of approved raw materials. The raw materials are mixed according to a prescribed formulation and manufacturing instructions under the supervision of the production manager. Upon completion of manufacturing, batch samples are tested in the laboratory. The final approved batch samples are filled in containers and marked with:

- product name
- product colour and colour reference number
- batch number
- month of manufacture
- Agrément certification logo and certificate number as illustrated in this certificate.

### Application process

#### General

Amoriguard (Pty) Ltd will provide onsite applicator training on the application of Amoriguard Wall Coating System. Approved applicators can be issued with a certificate of competence once training is completed.

The certificate holder can also deploy demonstration teams on each site, prior to commencement of a project. These teams inspect and can

provide on-site training on the application of the wall coating. They also carry out regular visits during the course of each project, for quality control.

As with all decorative paints, the application should be done to specification onto suitably prepared surfaces. Dekro's Sales Team will assist with the writing of specifications and validation of surface preparation before application. If unsuitable, a primer may be required to assist with bonding on longevity of the paint system.

### Surface preparation

All loose and friable materials, such as plaster and sand splashes, must be removed and any large imperfections filled, sanded smooth and spot primed prior to the application of Amoriguard Wall Coating System to the substrate.

**Potable water:** *The water should be clean and preferably drinkable. Water that may be made potable by boiling may be used in its natural state.*

Surfaces previously painted with PVA or an acrylic paint must be scraped and wire brushed in order to remove any loose materials. All fungal growth, lichens, algae etc. must be treated with a suitable fungicidal wash and left for 24 hours before being washed down with **potable water** to remove all dead matter and other water soluble contaminants.

All cracks should be raked open and treated. All powdery surfaces must be scrubbed down or water jetted and inspected for suitability prior to painting. Surface cracks and imperfections must be filled with a suitable filler, sanded and spot primed. It may be necessary to apply a primer to the entire substrate on some redecoration work where the previous coating is excessively under-bound and friable.

### Application

Amoriguard Wall Coating System must not be applied when rain is imminent.

The product is applied by brush or roller onto the suitably prepared substrate. The substrate must be dry with a moisture content of <15%. Before application, the paint should be stirred for 3-5 minutes with a flat paddle until the paint is homogenous. No water is to be added to the paint.

The minimum drying time between coats is 6 hours at a temperature of 23 degrees Celsius and with a 50% relative humidity.

Application must be done using a block brush or sheepskin roller at a spread rate of 4-5 m<sup>2</sup>/ltr per coat. This figure may vary depending on the porosity and surface profile of the substrate.

### **Storage and shelf life**

Amoriguard Wall Coating System is available in 5 litre and 20 litre plastic containers. The containers should be stored in a cool, dry area away from direct sunlight. Containers should only be opened upon use.

The shelf life of Amoriguard Wall Coating System is 12 months, when kept in unopened containers, from the date of manufacture.