

## Technical Data Sheet 302

### Escenta 01, 02, 03, & 04

#### 1 Product Description

Escenta is a water-based decorative wall coating uniquely formulated to create a multi-tone effect, which brings drama and interest to any interior. Escenta is available in a wide range of colours.

#### 2 Properties

- A cost effective alternative to decorative paint effect, wall paper and vinyl wall coverings.
- Provides a seamless, durable, cleanable, hardwearing and low maintenance wall finish.
- Available in a co-ordinated range of 24 colours.
- Formulated to prevent mould, mildew and bacterial growth.
- Low VOCs & low odour.
- Coverage rate: approximately 8 -10 m<sup>2</sup>/lt/coat. One 5 lt unit will cover approximately 45 m<sup>2</sup> (450 ft<sup>2</sup>) in 1 coat.
- Drying time: 3 – 4 hours.

#### 3 Test Data

##### 3.1 Scrub Resistance

The Escenta system (BaseColor Matt Y2981, Escenta 01) was tested for wet scrub resistance according to ASTM D2486 “Standard Test Methods for Scrub Resistance of Wall Paints”.

Test Method	Escenta	Escenta + Clearseal Gloss
ASTM D2486	605 cycles	902 cycles

Testing was carried out by an accredited testing laboratory.

##### 3.2 Stain Resistance

The Escenta system (BaseColor Matt Y2981, Escenta 01, Clearseal Gloss) was tested for Stain resistance according to ASTM D1308 “Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes”. Test carried out according to 15 minute open spot test.

Test Liquid	Escenta	Escenta + Clearseal Gloss
Coffee	4	4
Red Wine	1	2
Vinegar	5	5
Tomato Sauce	5	5
Mustard	2	4
Strawberry Preserve	5	5

1 = Poor 5 = Excellent

##### 3.3 VOC Testing

A sample of Escenta was tested for VOC following procedures outlined in ASTM D3960 “Standard Practise for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings” and ISO 11890-2 “Paints and varnishes. Determination of volatile organic compound (VOC) content.”

Test Method	Result	Comments
ASTM D3960	201 g/lt	US EPA requirement (<250g/lt)
ISO 11890-2	<60g/lt	EU limit for this product (Cat A/k): 150g/l (2007) / 100g/l (2010).

##### 3.4 Anti-Microbial Preservation

###### 3.4.1 Mold/Mildew Resistance

Samples were tested in accordance with;

ASTM D 3273 – “Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber”.

ASTM D 3274 – “Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation”.

Plaster	Finish	Post Treatment	Front of Panel*	Back of Panel*
Escenta	01	-	10/10/10	10/10/10

\*Rating system – 1 is very poor, 10 is no growth

Testing was carried out by an Accredited American testing laboratory.

### 3.4.2 Fungal, Algal and Bacterial Evaluation

Test Method	Result
Anti-Fungal Activity	No visible growth
Anti-Algal Activity	No visible growth
Anti-Bacterial - JIS Z 2801 E Coli MRSA Salmonella	No bacteria survived No bacteria survived No bacteria survived

### 3.5 Fire Test Results

Test Method	Result	Comments
ASTM E84	Class A	Escenta system tested (BaseColor Matt Y2981 - 2 coats, Escenta 01 - 1 coat)
BS476 Part 6&7	Class 0	Escenta system tested (BaseColor Matt – Y2981 1 coat, Escenta 01 1 coat)

### 4 Limitations

For interior use only.

### 5 Preparation

#### 5.1 New Surfaces

- Ensure all surfaces are sound, clean and suitably dry.
- Dense or highly polished surfaces should be coated with an appropriate primer to promote effective adhesion.
- Freshly plastered surfaces should be coated with a suitable sealer/consolidator eg. Dulux Plaster Sealer.
- Porous surfaces should be primed with a mist coat of BaseColor Matt thinned with up to 20% clean water.
- Leave to dry.

#### 5.2 Previously decorated surfaces

- Ensure all surfaces are sound, clean and suitably dry.
- Remove any loose or flaking material back to a sound firm edge.
- Treat any organic growth with a fungicidal wash.
- Fill any holes, cracks or surface defects.
- Surfaces that exhibit high sheen levels should be wet abraded to provide a key.
- Wash down sound paintwork with warm water and an appropriate cleaning agent to remove any contaminants.

- Rinse surfaces with clean water to remove any residues.
- Spot prime any bare or filled areas with a mist coat of BaseColor Matt or an appropriate primer as necessary.
- Leave to dry.

### 6 Tools Required

To apply Escenta you will require the following tools and materials:

- ArmourColor BaseColor Matt
- ArmourColor Escenta
- 9" paint roller with a short pile roller head
- Roller tray
- Escenta Sponge Float
- ArmourColor Smoothing Blade
- Small paint brush
- 2" Masking tape

### 7 Application Instructions

Surfaces to receive Escenta must be prepared as ready for painting.

These instructions are offered as a guide only. Always try small areas first before attempting large walls. A demonstration DVD and training courses, which would offer greater insight, are available.

- Stir product thoroughly before use.
- Apply 1 - 2 coats of BaseColor Matt using a good quality short pile roller. Allow 4 – 8 hours drying time before overcoating.
- De-nib with fine abrasive paper.

#### ***Mask up all adjoining surfaces before applying Escenta.***

To achieve the best results Escenta should be applied to the surface with a sponge float (*Escenta can be applied by brush, however there is a strong likelihood of obvious brush lines in the finish*).

- To prepare the sponge float for use, pick out pieces of sponge from the edge of the float on both sides and one end to create a corrugated edge and bend the corners back slightly to create a slightly domed face to the tool.
- Pour the Escenta into the base of the roller tray.
- Dip the face of the sponge float into the Escenta, and then tamp the face on the raised part of the tray to even out the material.
- Paint a little of the Escenta with the small paintbrush into the top corner and the immediate adjoining edges, and repeat this process progressively as you work along the wall.

- Take the sponge float and stipple/tamp the material directly onto the surface.
- Constantly rotate the orientation of the float, and always pull off away from the wall surface.
- Apply the material sparingly, but make sure that there are no areas of the BaseColor that have been left uncoated.
- Work from the top corner of the wall, working progressively down and across the wall in a fan shape rather than in regular blocks. Work quickly to ensure that you retain a wet edge at all times. If there are any areas where the application is too heavy, squeeze the sponge float on the edge of the roller tray to remove any excess material from the face of the float and then stipple over these areas again to even out the material.
- As the material starts to dry out you must then smooth the surface with the ArmourColor Smoothing Blade to squash and flatten the small flecks on the surface. The correct time to do this is when the main glaze starts to become matt, and the flecks still remain wet and glossy. This is easiest to see if you look along the wall towards the light source.
- You must work with the Blade in a shallow criss cross motion keeping the Blade quite flat to the surface of the wall and using firm but light pressure.
- Do not initially blade right up to the edges as these will remain wet for longest, and it is therefore recommended that you blade down the main area of the wall up to 2-3cm from the edge, and finally blade the edges at the end, otherwise you will get a smudged line around the perimeter of the wall.
- As the surface dries further you can re-blade the surface if you so choose.
- As with most wall coatings it is preferable to work directly around external corners, and use the internal corners as the natural break point in the application of the product.
- Leave to dry.

## 8 Health and Safety

Escenta is a non-toxic water-based product. Ensure good ventilation during application and drying. Avoid contact with skin and eyes. Keep out of reach of children.

Please refer to the Safety Data Sheet for further information.

## 9 Storage

Store in good dry conditions between 5 – 25°C. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use.

Shelf life of Perlata in an unopened container under correct storage condition is 12 months from date of manufacture.

## 10 Care & Maintenance

### 10.1 Cleaning Surface Dirt and Grime

Mix a small quantity of liquid detergent or soap into a bucket of clean water. Work from top to bottom of dirty area using a well-soaked, soft cloth, sponge, very soft bristle brush or low pressure garden mist sprayer. Do not use scouring pads, industrial strength cleaners or solvents, since these may damage the surface finish.

Do not allow cleaning solution to dry on the wall. Where possible blot the wall dry with an absorbent towel or sponge.

ArmourColor decorative coatings will be unaffected by mild detergents but may soften slightly with prolonged cleaning.

It is recommended that a small area is test cleaned to check for a satisfactory result.

### 10.2 Damage and Repairs

ArmourColor decorative coatings are tough and durable coatings, but can be damaged. In the event of damage please contact the installer for technical assistance and instructions.

Whilst every attempt has been made to ensure the accuracy and reliability of the information contained in this document, the information should not be relied upon as a substitute for formal advice. Armourcoat Ltd, its employees and agents will not be liable for any loss or damage, of any kind, arising out of or in connection with the use of this document. Please refer to the company disclaimer for further details.

SAT TDS302 0209(4)©

### Armourcoat Limited

Morewood Close London Road  
Sevenoaks Kent TN13 2HU United Kingdom  
Tel: +44 (0)1732 460 668 Fax +44 (0)1732 450 930  
Email: technical@armourcolor.co.uk

[www.armourcolor.com](http://www.armourcolor.com)