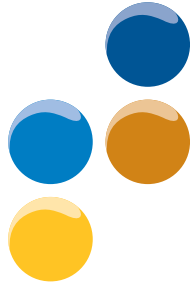






## Decorative glass Enamels



### Product information

#### V2800 Series

glass enamels for cosmetics

|   |                             |
|---|-----------------------------|
|  | Variety of colour shades    |
|  | Intermixable colour palette |
|  | Various application methods |
|  | Glossy surface appearance   |



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 **Colour range**

| Part Number | Description     |
|-------------|-----------------|
| V2800       | White           |
| V2801       | Lemon yellow    |
| V2802       | Citrus yellow   |
| V2803       | Flaming red     |
| V2804       | Turquoise       |
| V2805       | Cobalt blue     |
| V2806       | Black           |
| V2873       | Rust brown      |
| V2874       | Chocolate brown |
| V28210      | Etch            |
| V28205      | Transparent     |
| V28211      | Orange          |
| V28212      | Dutch orange    |
| V28213      | Ruby red        |
| V28214      | Green           |
| V28215      | Chrome green    |
| V28217      | Ocean blue      |
| V28219      | Autumn brown    |
| V28222      | Baby blue       |
| V28223      | Peachy pink     |
| V28224      | Arctic white    |

The core range V2800 series consists of an intermixable colour palette that can be blended to make an infinite variety of customized colour shades.

The colours of the V2800 Series can be supplied as:

- Powder
- I.R. drying, water friendly or oil based, screen print paste
- Thermoplastic screen print paste



## Application

| Medium Type          | Oil Based IR Medium | Water Friendly IR Medium | Thermoplastic  | Spraying  |
|----------------------|---------------------|--------------------------|----------------|---|
| Recommended medium   | N485                | 654 - 63                 | 64 - 64        | S2338   |
| Recommended thinner  | RM.441              | RM.444                   | 64 - 64        | Water   |
| Powder/medium ratio  | 5 : 1               | 5 : 1                    | 6 : 1          | 70 parts powder<br>7 parts medium<br>23 parts water |
| Viscosity            | 15 - 20 Pa.s        | 15 - 20 Pa.s             | 1,0 - 1,8 Pa.s | 15 - 25 sec   |
| Printing temperature | 15 - 25°C           | 15 - 25°C                | 60 - 80°C      | 15 - 25°C   |
| Humidity             | 30 - 60%            | 30 - 60%                 | 30 - 60%       |   |
| Screen               | 61 - 90             | 61 - 90                  | 61 - 90        |   |
| Wet film thickness   | 20 - 25µm           | 20 - 25µm                | 20 - 25µm      | 250 - 350 g/m <sup>2</sup>                          |
| Drying conditions    | 100 - 150°C         | 100 - 150°C              |                | 100 - 150°C   |
| Storage              | 5 - 25°C            | 5 - 25°C                 | 5 - 25°C       | 5 - 25°C  |
| Shelf life           | 1 year              | 1 year                   | 1 year         | 6 months  |

It is recommended that before decoration the glass should be at ambient temperature and completely clean and dry.



## Firing

| Type of Substrate | Firing Range °C | Firing Range °F |
|-------------------|-----------------|-----------------|
| Holloware         | 540 - 580       | 1004 - 1076     |

## Chemical durability

### Acid resistance

10 % HCl 20 minutes at room temperature grade: 5 to 6.  
Assessment according to ASTM C735-93.

## Storage and handling

It is recommended that the glass enamels are stored in tightly sealed containers away from direct sunlight at an even temperature in the range of 5-25°C (41-77°F). Under these conditions the enamel can be stored for reasonable periods, although storage for longer than 12 months is not recommended.  
Water based spray medium should never be stored at temperatures < 0°C.

## Health and safety

Good industrial hygiene and work practices should be adhered to when handling the products mentioned in this document. For detailed health and safety requirements, please consult the appropriate Material Safety Data Sheets.



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