


# CeRaCOLOR USG

FINE TILE GROUT
FOR INTERIOR DRY AND WET AREAS

## PRODUCT DESCRIPTION

CeRaCOLOR USG is a high-performance cement-based tile grout, formulated with refined white cement, ultra-fine fillers, advanced functional additives and modified polymers, delivering a dense, smooth joint with uniform colour and superior durability. The optimised formulation enhances water resistance, minimises shrinkage and cracking, while improving adhesion and long-term stability in service. Classified CG2A in accordance with EN 13888-1:2022, ISO 13007-3:2010 and TCVN 7899-3:2008; VOC-free certified, ensuring user safety and environmental sustainability.

In compliance with EUROPEAN standard EN 13888:2022 CG2A BUMATECH Cementitious grout for ceramic tiles

LOW VOC

### CLASSIFICATION · CERTIFICATION

EN 13888-1:2022
ISO 13007-3:2010
CG2A
SGBP 3433 — 2 Ticks Very Good (SGBC)

EPD INTERNATIONAL EPD SYSTEM
EPD-IES-0028315
ISO 14025 · EN 15804

## QUICK SPECIFICATIONS

| | |
|---|---|
| PACKAGING | 01kg/bag and 20kg/carton box |
| COLOUR | Refer to the colour chart |
| SHELF LIFE | 24 months (unopened bag) |
| WATER MIXING RATIO | 330 - 380ml/kg |
| POT LIFE | 30 minutes at 35°C |
| WIDTH OF JOINT | 1 - 6mm |
| PUT INTO SERVICE | After 24 hours |
| COVERAGE | **$kg/m^2 = (A + B) \times C \times D \times 1.5 \times K / (A \times B)$**<br>A, B, C: Length, width and thickness of the tile or stone<br>· D: Joint width between tiles<br>· K: Wastage factor 1.1 - 1.2<br>· All dimensions in mm |



FEATURED PROJECT
The Grand & The Symphony

## APPLICATION AREAS

Suitable for most types of tiles, natural stone, glass mosaic and stone mosaic

| Dry interior | Wet interior | Exterior | Swimming pool | Water tank | Chemical resistance |
|---|---|---|---|---|---|
| ✓✓ | ✓✓ | ✓✓* | ✓✓* | ✓✓* | ✗ |

✓ Suitable · ✓✓ Ideal · ✓✓* Ideal (when mixed with CeRaCOLOR ADMIX) · ✗ Unsuitable

## TECHNICAL DATA

| Property | Standard | Requirement | Result |
|---|---|---|---|
| Abrasion resistance | TCVN 7899-4:2008<br>ISO 13007-3:2010 | ≤ 1000mm³ | Pass |
| Flexural strength under standard conditions | | ≥ 2.5MPa | |
| Flexural strength after freeze-thaw cycles | | | |
| Compressive strength under standard conditions | | ≥ 15.0MPa | |
| Compressive strength after freeze-thaw cycles | | | |
| Shrinkage | | ≤ 3.0mm/m | |
| Water absorption after 30 minutes | | ≤ 5.0g | |
| Water absorption after 240 minutes | | ≤ 10.0g | |
| Volatile organic compound (VOC) content | USEPA Method 24 | ≤ 65g/l | 0g/l |

The above results and recommendations are based on laboratory testing; actual performance may vary depending on the application method and specific site conditions

## COLOUR REFERENCE CHART

| | | | |
|---|---|---|---|
| #00 White | #25 Terracotta | #34 Natural Grey | #37 Light Mustard |
| #18 Vanilla | #23 Saddle Brown | #36 Navajo Tan | #46 Marble Beige |
| #24 Silver Grey | #03 Mocha | #45 Chestnut Brown | #12 Sky Blue |
| #17 Dark Grey | #30 Mushroom | #06 Olive Green | #47 Long Thuy Beach |
| #14 Anthracite | #31 Khaki | #07 Teal | #08 Black |

Actual colour may differ from printed or digital samples; lighting conditions and substrate moisture also affect the final shade — test a small area before full application. In addition to the standard range, custom colour matching is available for project orders meeting the minimum quantity requirement.

## SAFETY INFORMATION

- **Skin and eyes:** this product contains cement and is alkaline; it may cause skin irritation, mild burns or an allergic reaction in sensitive individuals. Cement, whether dry or wet, can cause serious eye injury
- **Eye contact:** rinse immediately under gently running clean water for 10 - 15 minutes without rubbing; seek medical attention if irritation persists
- **Protective equipment:** Gloves · Safety goggles · Dust mask (when mixing or cutting tiles) · Protective clothing
- **Working environment:** work in a well-ventilated area; avoid confined spaces and keep children and pets away; avoid inhaling cement dust when mixing dry material
- **Surplus material:** reseal the bag after use to prevent moisture uptake; do not discharge into drains — allow to harden and dispose of as construction waste
- Refer to the latest **Safety Data Sheet (SDS)** on the official BUMATECH website, or contact the technical department

## PRECAUTIONS & DISCLAIMER

- Joints and tile surfaces must be free of dust, dry and free of oil, grease or contaminants; grout only after the tile adhesive has fully cured for the period specified
- Select the grout type according to joint width, tile type, service area and site conditions
- Mix at the water or admixture ratio stated by the manufacturer and stir until the mix is plastic and uniform; do not add any other material without written technical advice
- Apply within the recommended temperature and humidity range; avoid rain and excessively damp conditions. Protect the joint surface from water and mechanical impact throughout curing
- The figures in this document were established by laboratory testing under standard conditions; actual values vary with temperature, humidity, accompanying materials, application method and workmanship. The user is responsible for verifying suitability for the intended use
- BUMATECH accepts no liability for loss arising from misuse, application contrary to these instructions, or combination with incompatible materials not confirmed in writing, and reserves the right to update technical information without prior notice. Check the latest TDS version on the website before every project

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SINGAPORE GREEN BUILDING PRODUCT SGBC VERY GOOD

