

PorceRAPID

RAPID-SETTING TILE ADHESIVE
TWO-COMPONENT CEMENTITIOUS

PRODUCT DESCRIPTION

PorceRAPID is a two-component cementitious system: a factory-blended powder component and a synthetic latex liquid component. Mixed together they form an adhesive mortar with rapid setting and high bond strength for installing ceramic tiles, porcelain tiles and natural stone in interior and exterior areas. Classified C2F to TCVN 7899-1:2008 and EN 12004-1:2017.

In compliance with EUROPEAN standard
EN 12004:2017
C2F
BUMATECH
Cementitious adhesive for ceramic tiles

CLASSIFICATION · CERTIFICATION
EN 12004-1:2017
C2F — improved adhesion, rapid setting

QUICK SPECIFICATIONS

PACKAGING	33kg set (A: 8.0kg · B: 25kg)
COLOUR	Grey
SHELF LIFE	06 months (unopened container)
MIXING RATIO	7.5 - 8.0kg A / 25kg B
COVERAGE	~1.70kg/m² per 1mm thickness
POT LIFE	30 minutes at 35°C
SUBSTRATE TEMPERATURE	5 - 35°C
ADJUSTING TIME	05 minutes
RECOMMENDED THICKNESS	2 - 15mm
GROUTING TIME	Wall: after 02 hours Floor: after 06 hours
SET TO FOOT TRAFFIC	06 hours
READY TO USE	01 day



FEATURED PROJECT
Existing floor refurbishment

APPLICATIONS

- **Finishing materials:** ceramic tiles, porcelain tiles and natural stone
- **Maximum tile load:** 60kg/m² · For optimal adhesion, apply an additional thin layer of adhesive to the back of the tile or stone
- **Suitable substrates:** concrete, cementitious screed and plaster surfaces, existing tiled surfaces, waterproofed surfaces

APPLICATION AREAS & TILE SIZES (cm × cm)

Application area	Interior	Exterior (covered)	Exterior (uncovered)
Floor tiling	80 × 160	80 × 160	80 × 160
Wall tiling (max height 3m)	80 × 160	80 × 80	80 × 80
Wall tiling (max height 6m)	80 × 80	60 × 60	60 × 60
Walls above 6m height	CONTACT TECHNICAL DEPARTMENT		
Tile-on-tile installation	60 × 60	CONTACT TECHNICAL DEPARTMENT	
Swimming pools	60 × 60		
Potable water tanks	60 × 60		
Cemboard	–		
Cementitious / acrylic / PU waterproofed surface	60 × 60	60 × 60	60 × 60

TECHNICAL DATA

Property	Standard	Requirement	Result
Adhesion strength after 24 hours	TCVN 7899-2:2008 EN 12004-2:2017	≥ 0.5MPa	Pass
Adhesion strength after 20-minute open time			
Adhesion strength after 28 days		≥ 1.0MPa	≥ 1.5MPa
Adhesion strength after water immersion			≥ 1.3MPa
Adhesion strength after heat aging			≥ 1.1MPa
Adhesion strength after freeze-thaw cycles			≥ 1.0MPa
Alkali resistance	–	–	Very good
Oil resistance (poor with vegetable oils)			Very good
Solvent resistance			Very good

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

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

- Always carry out a trial application on a small area to verify adhesion and compatibility between the adhesive, the tile or stone and the substrate under actual site conditions before proceeding to full-scale work
- Do not use outside the recommended temperature range, on substrates subject to heavy vibration, or in permanently submerged areas without written technical advice from BUMATECH
- Do not mix with admixtures, cement, sand or any other product beyond these instructions — doing so alters the technical characteristics and voids the manufacturer's undertakings
- Observe the stated open time, adjusting time and grouting waiting time; do not place the work into service earlier than recommended
- 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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COMPANY PROFILE BUMATECH

