



x'traseal®

TECHNICAL DATA SHEET

MC-228

MULTI-COLOR FLEXI GAP SEALANT

REV: 03

Date: 25 April 2024

DESCRIPTION

MC-228 MULTI-COLOR FLEXI GAP SEALANT is a sophisticated gap sealant formulated with technology from German. It consists of newly developed nanotech-polymer and use of high end cosmetic grade pigment. It's mixed inside the nozzle when it's extruded through the cartridge. After cured, it forms a sturdy, glossy and colorful finish solid bed between the tile gaps.

FEATURES

- ◆ No VOC.
- ◆ Non shrinkage.
- ◆ Glossy as porcelain
- ◆ Water and mildew proof.
- ◆ Plentiful choice of colors.
- ◆ Short setting and curing time.

USES

- ◆ Various type of tiles for gap sealing and beautify purpose.
- ◆ Use in kitchen countertop, bathroom and washroom, windowsill, balcony, and etc. for wall edge, ground and tile gap sealing and beautify purpose
- ◆ Suitable Substrates: Travertine, ceramic, porcelain, marble, granite, and etc.

Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results

NOT RECOMMENDED FOR

PE, PP and PTFE.

APPLICATION

- ◆ Clean the gap to be sealed, attach the nozzle properly on cartridge after that insert MC-228 cartridge into a professional caulking gun.
- ◆ Gun out and dispose the first 30cm – 40cm of the sealant to make sure the sealant is mixed uniformly.
- ◆ Cover the edge of the gap with masking tape before the gap is filled with the sealant.
- ◆ The tip of the nozzle should be smaller than the width of the gap to be applied. Fill the gap with sufficient amount of sealant.
- ◆ After application, smoothen the sealant using stainless steel tooling stick then remove the masking tape after 30 minutes before the sealant is hardened. If there is any spill out, wipe it with alcohol or scrap it using scraper after it harden.
- ◆ Let the sealant stay still for 3 to 5 hours and it will fully cured after 24hours.

SPECIFICATION

Color,	Resin Hardener	Cloudy Varies
Specific gravity,	Resin Hardener	1.00±0.01 g/ml 1.00±0.01 g/ml
Viscosity,	Resin Hardener	300±50K cps 300±30K cps
Mixing ratio,	A:B	1:1



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Appearance	Paste form
Working Life (Minutes at 25°C)	30 - 45
Curing time (Hours at 25°C)	2 - 3
Hardness (Shore D)	Minimum 50
Temperature limits	15°C to 120°C
Nonvolatile Content	100%
Shelf Life	24 Months ⁽¹⁾

Estimated usage

Usage Size of tile	Without tile grout and the tile gap is empty				With tile grout and reserve 2mm depth for tile gap				
	1 MM	1.5 MM	2 MM	2.5 MM	1 MM	1.5 MM	2 MM	2.5 MM	3 MM
800 x 800 mm	25.5	21.2	19.8	14.2	31.2	28.4	25.5	21.3	17
400 x 800 mm	19	16	15	10.6	23.4	21.3	19.1	16	12.8
600 x 600 mm	19	16	15	10.6	23.4	21	19.1	16	12.8
500 x 500 mm	16	13.3	12.5	8.9	19.6	17.7	16	13.4	10.6
300 x 600 mm	14.3	12	11	7.9	17.5	16	14.3	12	9.5
400 x 400 mm	12.8	10.6	10	7.1	15.6	14.2	12.8	10.6	8.5
300 x 300 mm	9.5	8	7.5	5.4	11.8	10.6	9.7	7.9	6.4
200 x 200 mm	6.4	5.4	5	3.5	7.8	7.1	6.4	5.4	4.2
100 x 100 mm	3.2	2.7	2.5	1.8	4	3.5	3.3	2.7	2.1
50 x 50 mm	1.3	1.3	1.1	0.85	2	1.8	1.5	1.3	1.1

*Usage = m²/cartridge

STORAGE

(1) Shelf life is subjected to change due to the type of packaging used and the condition of the environment. Material should be stored in a dry and cool place between +5°C to +30°C.

CAUTION

Normally, during application it does not cause any skin irritation, but in some cases with sensitive skins, it may cause irritation or sensitization. In such cases, wash the hands with plenty of water and soap and use hand gloves for application.

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