

Pavicolor Eco

Vitrified adhesive-joint 100% recycled aggregates

Technically reconstituted mortar, on recycled aggregates base and crystal pearls.



Observations

DO NOT USE:

- As a joint on porous surface pavements.
- Where superior chemical resistances or different to the indicated on the resistances table chemical resistances are required.
- For expansion and division elastic joints refill
- Over wet supports or supports subjected to continuous rising.

Usage characteristics

- Rest time after the kneading: 2 minutes
- Mass life: 50 minutes
- For the rejoin:
 - **Maximum cleaning time: immediately
 - **Operating disposal: 3-4 days
 - **Operating disposal in swimming pools: 7 days
 - **Total setting: 7 days
- For the paste:
 - **Hardening time: 14-20 hours
 - **Total setting: 7 days
 - **Paste thickness: 3-10 mm

** These times are contemplated with 20°C and can considerably oscillate depending on the ambient temperature.*

Performances

- Mixture A+B Density: 1,49 Kg/l
- Opening time: 40 minutos
- Water absorption after 240 min: 0.05 gr
- Retraction: 0,01 mm/m
- Compression resistance: ≥ 20 Mpa
- Compression resistance after frost-thaw cycles: > 15 Mpa
- Chemical nature "A": Poliamina
- Chemical nature "B": Epoxy Resin
- Bending resistance: > 5 Mpa
- Bending resistance after frost-thaw cycles: > 5 Mpa
- On concrete adherence: 1,5 N/mm²
- Adherence after heat essay 14 days/70°C: 1,2 N/mm²

*** All the information described has been obtained with standard essays and it can oscillate depending on the workplace conditions.*

Enforcements

- Adhesive and polyvalent vitrified joint for placement and rejoin of vitreous mosaic, ceramic, Clinker, porcelain stoneware, 100% recycled aggregates with glass pearls.
- For joint refills from 0 to 25 mm.
- Special for swimming pools, heating floor, chemical industries, laboratories, hospitals...
- Excellent adherence and mechanical resistance.
- With bacteria static, fungi static properties, without biocides substances.
- Indoors
- See resistances tables pg. 03 and 04.

Enforcement tips

- Application temperatures from 5°C to 30°C.
- Respect always the same mixture proportion.
- Avoid application in rainy or very wet weather, with frost risk, with direct insolation or strong wind.
- It can be immediately cleaned with a sponge and clean water.
- **Important:** once it is hardened, the mortar cannot be eliminated.
- Respect always the perimeter joint, expansion and division joint.

Execution conditions

- FOR THE REJOINT: the joints between the flagstone or pieces have to be clean, dry and without dust. Before the rejoin, in applications over porous or absorbent surfaces, perform a treatment to the flagstones with **Protector Pavistamp** before proceeding with the rejoin in order to avoid that the pieces get stained.

Before the rejoin, let it rest 4-6 hours from the coating or pavement placement.

- FOR THE PASTE: The support has to be compact, resistant and non-friable, without dust, oil and grease. Over very absorbent bases it is advisable to apply a coat of **Paviplast Epoxi** diluted to 30% with water.

Ceramic placement with **Pavicolor Eco** has to be rejoin with the same mortar.

Apply in little panels, in order to facilitate the cleaning time.

Pavicolor Eco

Vitrified adhesive-joint 100%
recycled aggregates

Usage way

Kneading:

Spill Component **B** over the Component **A**, mix with a helical whisk with low revolutions until obtaining a homogeneous mass without lumps.

Use as adhesive:

Extend the mortar with a notched trowel (maximum thickness 10 mm), place and press the flagstones until obtaining the grooves crushing.

Use as rejoin:

Refill the joints between flagstones in little surfaces with hard rubber trowel and in a diagonal direction to the flagstones; remove immediately with the trowel the product remains leaving only a thin veil over the flagstone.

On great surfaces it can be applied with refillable pistol.

Eliminate the products remains with a wet sponge with clear water and proceed in a rotatory direction in order to eliminate the material veil on the surface. Finally, as many times as necessary, give a coat with a clean sponge with clean water.

A water excess during the cleaning damages the final product performances.

Product

- For joint filling from 0 to 25 mm
- For vitreous mosaic tile installation
- No water absorption
- Prevents the development of fungi and bacteria
- Anti-mould, bacteriostatic and fungicidal
- Porcelain vitrified appearance
- High chemical-mechanical resistance
- Freeze-thaw resistant



Packing

2 Kg. Package:

Kg. Component A: 1.700

Kg. Component B: 0.300

5 Kg. Package:

Kg. Component A: 4.250

Kg. Component B: 0.750

Color

Translucent White.

Other colors on demand.

Consumption

As adhesive: 2-4 kg/m²

As joint: see consumption table.

Preservation

(with sealed package)

1 year from the fabrication date, in the closed original package (20°C) and sheltered from outdoors.

! IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.

Pavicolor Eco

Vitrified adhesive-joint 100%
recycled aggregates

Technical data according to Pavistamp Quality Norm

Aspect	Part A translucent white Part B liquid
Mixture ratio in weight:	Parts: 85 Component A 15 Component B
Density of the mixture	A + B 1,49 kg/l
Arid mineral nature	Crystalline (part A)
Chemical nature	Epoxide resin (part B)
Grain size	0 – 200 µm
Preservation	1 year in original package (no mixture)
Warnings	Protect from outdoors, direct insolation, heat sources...
Package	2 and 5 kg packs
Mixture ratio (2 kg)	Component A: 1,700 kg Component B: 0,300 kg
Mixture life with 20°C	± 50 min
Application temperatures	5 – 30 °C
Joint wide	0 – 25 mm
Able to passable	± 12 hours
Rejoint time after placement	
Pavicolor ECO in coating	Immediately
Pavicolor ECO on floor	When passable
With adhesive	See usages characteristics
With conventional mortar	> 10 days
Consumption	
As adhesive	2-4 kg/m ² (depending on format)
As joint	See consumptions table

**** The described information is based in laboratory, with ± 20 oC – 50 % H.R., and without air streams. This information can oscillate depending on the workplace, temperatures, ventilation, support...**

Yields table

grams/m ² joints wide						
	Format	Thickness	1 mm	2 mm	5 mm	10 mm
Mosaic	2x2 cm	3 mm	500	1000	2500	5000
	5x5 cm	5 mm	300	600	1500	3000
Flagstones	30x60 cm	4 mm	40	80	200	400
	50x50 cm	4 mm	30	60	150	300
	100x100 cm	4 mm	15	30	75	150
	20x20 cm	8 mm	150	300	750	1500
	30x30 cm	9 mm	110	220	550	1100
	40x40 cm	10 mm	90	180	450	900
	60x60 cm	10 mm	60	120	300	600
	100x100 cm	10 mm	30	60	150	300
	30x30 cm	14 mm	170	340	850	1700

Chemical resistance table

Acids	Concentration	Contact (permanent)	Contact (eventual)
Acetic	2,5%	2	3
Hydrochloric	37%	3	3
Citric	10%	2	3
Formic	10%	1	1
Lactic	2,5%	2	3
Nitric	25%	2	3
	50%	1	1
Oleic	100%	1	1
Sulphutic	50%	3	3
Sodium			
Caustic soda	50%	3	3

Results: 3= very good / 2= good / 1= low

Pavicolor Eco

Vitrified adhesive-joint 100%
recycled aggregates

Solvents products

Product	Contact (eventual)
Acetone	1
Ethyl alcohol	3
Chloroform	1
Benzene	2
Toluol	2
Xylol	2
Methylene chloride	1
Trielyn	1

Results: 3 = very good / 2 = good / 1 = low

Stain resistance

Product	30 min.	24 h.
Tea	2	4
Coffee	4	3
Hair dye	2	1
Red wine	4	4
Coca cola	4	3
Domestic oil	4	4

Results:

4 = cleanable with hot water applied with sponge

3 = cleanable with detergent and smooth coats with sponge

2 = cleanable after treatment with solvent or acid solution with sponge

1 = not cleanable

Alimentary agents

Product	Contact (eventual)
Vinegar	2
Citrus	3
Wine	3
Beer	3
Butter	3
Coffee	3
Yogurt	3
Olive oil	2

Results: 3 = very good / 2 = good / 1 = low

Oils - Combustibles

Product	Contact (eventual)
Mineral resin	3
Diesel	3
Gasoline	3
Oil	3

Results: 3 = very good / 2 = good / 1 = low

Descriptive memory (project)

As adhesive: Adhesive vitrified and polyvalent paste 100% recycled aggregates with glass pearls, with high resistance chemical- mechanical, waterproof and anti stains with bacteria static, fungi static properties without biocides substances for the vitreous mosaic, Clinker, porcelain stoneware as **Pavicolor Eco** placement at a rate of 2-4 kg/m². The support has to be compact, resistant and non-friable, without dust, oils and greases. Over very absorbent bases it is advisable to apply a coat with **Paviplast Epoxi** diluted to 30% with water. Always respect the expansion joint, perimeter joint and division joint. Ceramic placement with **Pavicolor Eco** has to be rejoin with the same mortar.

As paste:

Polyvalent vitrified joint with 0-25 mm as **Pavicolor ECO** for vitreous mosaic, ceramic, Clinker, porcelain stoneware rejoin... 100% recycled aggregates with glass pearls, with high chemical-mechanical resistance, waterproof and anti stains with bacteria static, fungi static properties without biocides substances. Always respect the expansion joint, perimeter joint and division joint. The support has to be compact, resistant and non-friable, without dust, oils and greases. Application with hard rubber trowel..., the final cleaning has to be done with adequate sponges and clean water.