

PCI Gisogrund

Wash Primer / Protective Primer – For walls and floors

Technical Data Sheet



Features and Benefits

- Solvent-free to TRGS 610; Giscode D1
- EU 2004/42/IIA(g)(50/30): < 15 g/l.
- Improves the strength and solidity of substrates and helps increase adhesion of tiles, plasters and wallpapers
- Reliable adhesion of PCI tile adhesives to PCI Gisogrund primer
- Protects thin-bed mortars and levelling compounds from too rapid dehydration on absorbent substrates, extends the open time, improves adhesion and prevents formation of cracks caused by shrinkage
- Prevents formation of blow holes and too rapid dehydration when levelling floors with PCI Periplan, PCI Periplan fein or PCI Periplan Tixo
- Protects calcium sulphate (anhydrite) screeds from forming ettringite
- Enables wallpaper to be easily removed
- Complies with the guidelines issued by Bundesverband der Gipsbauplatten- und Gipsindustrie (German gypsum industry association)

Fields of Application

- For indoor and outdoor use.
- For walls and floors
- Primer for absorbent substrates to protect subsequent material from too rapid dehydration
- Primer prior to the application of flowable and non-sag floor levelling compounds, e.g. PCI Periplan, PCI Periplan fein or PCI Periplan Tixo and other mortars and anhydrite screeds which set through hydration
- Primer for anhydrite screeds and building boards
- Primer for mastic asphalt screeds prior to the application of PCI tile adhesives
- Primer to strengthen mealy, absorbent screed surfaces and plasters indoors prior to the laying of tiles and mosaic
- Acting as a moisture barrier and primer for plaster, plaster slabs, gypsum fibre boards, plaster boards, aerated concrete, concrete, asphalt, render and brickwork before tiling and wallpapering
- Primer for aerated concrete and brickwork on walls prior to the application of plaster and gypsum lime plaster



הרכב

שרף אקרילי

צריכה

כ- 250-130 מ"ר לפח 20 ליטר

אריזה

פח 20 ליטר / 33 במשטח

גוון

כחול

Preparation of Substrate

- The substrate must be structurally sound, clean and able to bear weight. Remove oil stains, residues which could impair adhesion such as waterproof adhesive residues, cement paste and dirt very thoroughly. Newly applied cement screeds must have a moisture content level not exceeding 4%, rough-ground anhydrite and/or gypsum based screeds not more than 0.5% (measured with CM meter).
- **Priming and strengthening of gypsum based substrates, anhydrite screeds, mastic asphalt screeds and xylolith screeds as well as screeds with old adhesive residues (not suitable with water soluble adhesive residues, e.g. sulphite liquor adhesives)**
 1. Stir PCI Gisogrund well prior to the application (and/or shake 1 litre bag well).
 2. Apply a sufficient quantity of undiluted PCI Gisogrund by brush or float to achieve a uniform coat. Avoid puddles forming!

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3. Check strengthening and curing by scratching the surface. Do not apply tile adhesive, wallpaper, paint, plaster or PCI Periplan, PCI Periplan fein or PCI Periplan Tixo before PCI Gisogrund is dry.
- **Priming and strengthening of absorbent mineral substrates, e.g. concrete, cement screeds, gauged renders, aerated concrete, limestone or similar**
 1. Stir PCI Gisogrund well (and/or shake 1 litre bag well), dilute 1 : 1 with water and mix thoroughly.
 2. Apply a sufficient quantity of diluted PCI Gisogrund by brush or float to achieve a uniform coat.
 3. In case of very absorbent substrates it is recommended to apply a second coat of PCI Gisogrund, diluted 1 : 1 with water, to achieve a more intensive strength and to avoid blow holes forming. Do not apply the second coat until the first one has completely cured.
 4. Do not apply tile adhesive, wallpaper, paint, plaster or PCI Periplan, PCI Periplan fein or PCI Periplan Tixo as floor leveller before the primer is dry (scratch proof).
 - Follow the recommendations issued by the gypsum industry regarding the maximum permissible moisture content, layer thickness of gypsum-based substrates and their surfaces.
 - Avoid puddles forming when applying PCI Gisogrund to floor areas.
 - Use particle filter mask P2 for spray application.
 - PCI Gisogrund is not suitable to prime water-soluble adhesive residues (e.g. sulphite liquor adhesives). They must either be completely removed or primed with PCI Epoxigrund 390 (sprinkle with silica sand while still wet).
 - Old adhesive residues must be completely removed before laying natural stones.
 - Do not apply PCI Gisogrund in underwater situations.
 - Use PCI Gisopakt bonding agent to prime concrete and limestone before applying plaster and gypsum lime plaster.

Please Note

- Do not apply at temperatures below +5°C and above +30°C.
- Clean tools with water immediately after use. Once cured material can only be removed by mechanical scraping.
- In case of partial tiling the entire wall area should be primed (e.g. behind the bathtub or above the tile covering).
- Apply only one coat of PCI Gisogrund, diluted 1 : 1 with water (consumption: approx. 100 to 140 ml of diluted mix per m²) before wallpapering on plaster/render, gypsum plasterboards etc.
- The curing time of the wallpaper paste slows down when wallpapering on substrates primed with PCI Gisogrund. Do not paint over woodchip wallpaper etc. before the paste has completely cured.
- The first coat of PCI Gisogrund can be diluted 1 : 2 with water in case of very absorbent substrates, e.g. aerated concrete.

חיי מדף

באריזה מקוריית סגורה במקום מקורה ויבש עד 12 חודשים ממועד הייצור

ניקיון כלים

כל עוד החומר טרי לשטוף במים נקיים. ניתן להיעזר בסבון לשטיפת הידיים.

יצרן

PCI – גרמניה

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MATERIAL				
Material base	modified acrylic resin dispersion			
Components	single-component			
Density	approx. 1.0 g/cm ³			
Control colour	blue			
Labelling to:				
- Carriage of Dangerous Goods by Road, Rail and Inland Waterways - Regulation for hazardous substances	non hazardous no labelling requirement for this product			
Shelf life	min. 12 months			
Storage	in dry conditions, no permanent storage over +30°C, but not below -10°C. Frozen PCI Gisogrund should be slowly thawed and stirred thoroughly.			
Packaging size	200 l barrel 20 l pail 10 l pail 5 l pail 1 l bag			
APPLICATION				
Substrate	Consumption	Mixing ratio		
Gypsum based substrates; anhydrite screeds, mastic asphalt screeds, xylolith screeds; screeds with old adhesive residues	approx. 80 to 150 ml/m ²	undiluted		
Absorbent mineral substrates, e.g. concrete, cement screeds, gauged renders, aerated concrete, limestone or similar	1st coat approx. 100 to 200 ml/m ² (200 to 400 ml undiluted mix) 2nd coat approx. 50 to 70 ml/m ² (100 to 140 ml undiluted mix)	1st coat diluted 1 : 1 with water 2nd coat: diluted 1 : 1 with water		
Coverage	20 l pail covers	10 l pail covers	5 l pail covers	1 l bag covers
Gypsum based substrates; anhydrite screeds, mastic asphalt screeds, xylolith screeds; screeds with old waterproof adhesive residues	approx. 130 to 250 m ²	approx. 65 to 125 m ²	approx. 33 to 62 m ²	approx. 6.5 to 12.5 m ²
Absorbent mineral substrates, e.g. concrete, cement screeds, gauged renders, aerated concrete, limestone or similar	100 - 200 m ² for one coat; 74 - 130 m ² for two coats	50 - 100 m ² for one coat; 37 - 65 m ² for two coats	25 - 50 m ² for one coat; 19 - 33 m ² for two coats	5 - 10 m ² for one coat; 3.7 - 6.5 m ² for two coats
Working temperature	+5°C to +30°C (substrate temperature)			
Curing times*				
- walkable after	approx. 30 - 60 minutes			
- 2nd coat after	approx. 30 - 60 minutes			
- subsequent application after	approx. 60 - 180 minutes (depending on the absorbency of the substrate as well as temperature and humidity)			
Temperature resistance of cured film	-20°C to +80°C			

* At +23°C and 50% relative humidity. Higher temperatures reduce, lower temperatures increase the times given. Higher humidity increases the times given.

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אזהרות

אין ליישם את החומר כאשר טמפרטורת התשתית, הסביבה או החומר נמוכה מ- 5°C או גבוהה מ- 30°C.

בטיחות

יש להגן על העיניים באמצעות משקפי מגן ולהימנע מגע ממושך עם העור. במקרה של מגע החומר בעיניים יש לשטוף את העיניים מיד ולהיוועץ ברופא. יש להסיר בגדים מלוכלכים או ספוגים בחומר מיד על למנוע מגע ממושך עם העור. במגע עם העור יש לשטוף מיד את המקום במים וסבון. יש להרחיק את החומר מהישג ידם של ילדים.

אחריות

המידע המסופק במסמך זה הנו תוצר של היכרותנו וניסיונונו עם המוצרים. התוצאות המתקבלות בשטח עשויות להשתנות, בהתאם לשיטות שאומצו ליישום המוצר. במקומות שבהן נעשה שימוש בשיטות יישום שאינן מכוסות במסמך זה, על הלקוחות לבקש מידע ספציפי נוסף ו/או לבצע בדיקה מייצגת לפני השימוש במוצרים. המידע האמור לעיל אינו מהווה בשום אופן אחריות לגבי השימוש במוצרים. התנאים הכלליים ותנאי המכירה שלנו הם אשר יגברו, בכל מקרה, על המידע המסופק בהסכם זה. לפני היישום, לקוחות ומשתמשים מתבקשים לבדוק שברשותם הגרסה האחרונה של מסמך זה.