

DATA SHEET

DATE 01.10.11

VERSION 01

Dukkaboard®

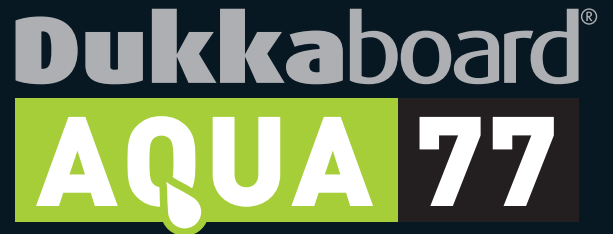
AQUA 77

DUKKABOARD AQUA 77

PRO-TILE PRIMER	PRODUCT CHARACTERISTICS
 <p>PRO-TILE PRIMER</p> <p>AQUA 77</p> <p>PRO-TILE PRIMER</p> <p>Eco-friendly, water-based surface isolation product for dry, absorbent mineral, cement, gypsum or anhydrite-based substrates. Single-component, with very low volatile organic compound emissions. Safeguards the health of both operators and the environment.</p> <p>Dukkaboard Aqua 77 develops an isolating, cohesive film which neutralizes the expansive chemical reaction of gypsum or anhydrite-based substrates in contact with mineral mortars and adhesives.</p> <p>Dukkaboard Aqua 77 reduces and regulates the absorption of highly porous substrates.</p> <p>5KG</p> <p>1KG</p>	<p>SOLVENT FREE</p> <p>BINDS DUST</p> <p>SUITABLE FOR HEATED SUBSTRATES</p>
	<p>PRODUCT USAGE</p> <p>Professional, concentrated water-base isolation product for gypsum and anhydrite substrates before ceramic tiles are laid using cement based adhesives or before paint is applied to walls.</p> <p>Materials</p> <ul style="list-style-type: none">• Cement-based and dispersed adhesives• Cement or gypsum-based finishing and levelling products and plasters• Paints <p>Substrates</p> <ul style="list-style-type: none">• Gypsum and cement-based plasters• Cement and anhydrite-based screeds• Plastered brickwork and plasterboard panels• High-density chipboard, cellular concrete• Prefabricated concrete and fresh concrete castings• Indoor flooring and walls, even in damp areas, and outdoor walls. <p>Do not use</p> <p>On outdoor flooring as waterproofing product for metallic, unstable wood and wet substrates or those subject to moisture rising.</p>
<p>GENERAL PRODUCT DESCRIPTION</p> <p>An eco-friendly, water-based surface isolation product for dry, absorbent mineral, cement, gypsum or anhydrite-based substrates. Single-component, with very low volatile organic compound emissions. Safeguards the health of both operators and the environment.</p> <p>Dukkaboard Aqua 77 Pro-Tile Primer develops an isolating, cohesive film which neutralizes the expansive chemical reaction of gypsum or anhydrite-based substrates in contact with mineral mortars and adhesives. Reduces and regulates the absorption of highly porous substrates.</p>	

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PREPARATION OF SUBSTRATES	INSTRUCTIONS FOR USE																		
<p>The substrate must be compact, smooth and absorbent, free from dust, oil and grease, free from any rising damp, with no loose or flaky parts. Varnishes and paints must be removed completely. The substrate must be stable, non-deformable and with no cracks. Plasters with a gypsum base must present a residual humidity $\leq 1\%$ and screeds with an anhydrite base $\leq 0.5\%$, both of which should be measured with a carbide hygrometer.</p> <p>Preparation Pro-Tile Primer is ready for use and can be applied to walls and floors as a surface isolation product to neutralize the expansive chemical reaction of gypsum or anhydrite-based plasters and screeds in contact with cement based products. Shake the container well before opening in order to redisperse the liquid evenly. For compact, low-absorption substrates of any kind, apply two coats of Pro-Tile Primer diluted 1:1 with water to guarantee the best possible penetration. Dilute Pro-Tile Primer with clean water up to a 1:3 ratio to reduce and regulate the absorption of water or suppress dust in highly porous substrates, to improve the penetration of the priming coat to the substrate. Pour the required quantity of water needed to dilute the product into a bucket, then add Pro-Tile Primer according to the indicated ratio. Mix briefly before use.</p>	<p>Application Apply a fine, uniform film, preferably using a short bristle, synthetic fibre roller or brush. Apply a second coat criss-crossing the direction of the first. The distinct green colour of Pro-Tile Primer allows the user to check immediately if the surface has been fully and evenly covered. Apply several coats to more porous substrates, waiting until the previous coat has dried completely before proceeding with the next. Do not pour the product straight onto the floor; do not allow stagnant Pro-Tile Primer to build up on the surface and check that a surface film does not form.</p> <p>Cleaning Pro-Tile Primer can be removed from tools and other surfaces by washing them with water before the product hardens.</p> <p>Special Notes After applying Pro-Tile Primer and before laying the surface covering, check if the moisture content of the substrate is suitable for the type of covering selected. Applying Pro-Tile Primer to absorbent substrates improves the workability of finishing and levelling products and is a necessity when applying self-levelling products, especially when these are of reduced thickness.</p>																		
TECHNICAL DATA	WARNING																		
<table><tr><td>Appearance</td><td>Green liquid</td></tr><tr><td>Specific weight</td><td>$\approx 0.99 \text{ kg/dm}^3$</td></tr><tr><td>Shelf life</td><td>≈ 12 months in the original packaging</td></tr><tr><td>Packaging containers</td><td>1 / 5 kg</td></tr><tr><td>Viscosity</td><td>$\approx 17.9 \text{ mPa} \cdot \text{s}$, rotor 1 RPM 100 Brookfield method</td></tr><tr><td>pH</td><td>≈ 9.65</td></tr><tr><td>Temperature range for application</td><td>from $+5^\circ\text{C}$ to $+35^\circ\text{C}$</td></tr><tr><td>Coverage</td><td>$\approx 0.15 - 0.25 \text{ kg/m}^2$</td></tr><tr><td>Conformity</td><td>EC 1 GEV-EMICODE Cert. GEV 1230/11.01.02</td></tr></table> <p>Minimum waiting time before laying:</p> <ul style="list-style-type: none">• Isolation product for gypsum and anhydrite ≥ 4 hrs• Regulation of substrate absorption ≥ 1 hr <p>Maximum waiting time before laying ≤ 24 hrs</p> <p>Dilution ratio:</p> <ul style="list-style-type: none">• Isolation product for gypsum and anhydrite - ready-to-use / 1 part Pro-Tile Primer: 1 part water• Regulation of absorption - 1 Pro-Tile Primer: 2-3 parts water <p>Warning protect from frost, avoid direct exposure to sunlight and sources of heat</p> <p><small>Values taken at $+23^\circ\text{C}$, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, ie temperature, ventilation and absorbcency level of the substrate.</small></p>	Appearance	Green liquid	Specific weight	$\approx 0.99 \text{ kg/dm}^3$	Shelf life	≈ 12 months in the original packaging	Packaging containers	1 / 5 kg	Viscosity	$\approx 17.9 \text{ mPa} \cdot \text{s}$, rotor 1 RPM 100 Brookfield method	pH	≈ 9.65	Temperature range for application	from $+5^\circ\text{C}$ to $+35^\circ\text{C}$	Coverage	$\approx 0.15 - 0.25 \text{ kg/m}^2$	Conformity	EC 1 GEV-EMICODE Cert. GEV 1230/11.01.02	<ul style="list-style-type: none">• Product for professional use• Abide by any standards and national regulations• Do not apply on roughened substrates or substrates which require heavy thicknesses of product• If the product has been washed away or removed mechanically, it will have to be replaced by a further application• Check substrate adhesion before overlaying• Do not use as a waterproofing product• Use a carbide hygrometer to measure and ensure that the humidity of the gypsum is $\leq 1\%$ and of the anhydrite $\leq 0.5\%$ at the moment of laying. Follow the manufacturer's instructions.• If necessary, ask for the safety data sheet
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