



TECHNICAL SHEET



Product name:

PRIMER BPage: 1/2
Date: 13.4.2016

Characteristics:	Impregnating dispersion paint
Description:	Priming water-thinnable paint with an excellent penetration effect and high resistance to moisture effects intended for the impregnation of absorbent substrates before the application of dispersion paints, adhesives and sealants. Its use ensures the unification of the substrate, an increase in the strength of substrate surface layers and the enhancement of the cohesion of the subsequent layers with the substrate.
Composition (general):	Mixture based on acrylic dispersions.
Application:	It is used for the impregnation of concrete and reinforced-concrete structures and floors, eternit, concrete and clay roof coverings and roof coatings based on asphalt and other construction materials.
Colors:	Colorless (transparent) variant or in the agreed colors.
Properties:	Paint:
Density (g/cm³):	1.03
Volume solids ONL (%):	38.7
Weight solids (%):	41.7
pH (at 20 °C):	8 - 10
VOC (volatile organic compounds) (kg/kg):	0.104
0.006 TOC (total organic carbon content) (kg/kg):	0.63
Maximum permissible value of VOC content (g/l):	30
Max. VOC content in the product in the ready-to-use condition (g/l):	28 (thinning 1:4)
Water-thinnable paint category:	A/h - penetration coatings
Appearance/color:	blue-green liquid.
Miscibility:	Miscible with water.
Depth penetration class I. (mm):	< 10
Liquid water permeability (kg/m² · h^{0.5}):	w < 0.1
Reaction to fire:	class F
Release of dangerous substances:	refer to the safety data sheet of the product
Substrate preparation:	The substrate must be dry, free from any mechanical and greasy impurities, and residues of old paint incoherent with the substrate.
Application conditions:	The air and substrate temperatures during the application and drying of the paint shall not fall below +5 °C. The application of additional layers shall be done after the impregnant has dried, but no sooner than after 4 hrs.
Thinning:	Prior to use, PRIMER B should be thinned with water in the ratio of 1:4.
Recommended method of application:	Using a paint brush, paint roller, asphalt brush or by spray painting.
Application data:	The mixture should be applied to the substrate using a paint brush, asphalt brush, paint roller or by spray painting in such a layer to be able to perfectly soak into the substrate. Strongly absorbent substrates can be impregnated with double coating.
Spreading capacity and recommended thickness:	Theoretical consumption after thinning is 0.025 to 0.05 kg/m ² (i.e. 20-40 m ² /kg) per one coating, depending on the absorption.
Packaging:	Packages of 0.5 kg - 35 kg.
Storage:	Store in original, well-closed containers in cool, dry and well-ventilated areas at temperature from +5 to +25 °C. Protect from freezing. Keep the mixture separated from drinks, foodstuff, feedstuff and medicine. Store away from the reach of children. The shelf life is a minimum of 12 months from the date of manufacture. The product must not freeze.



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PRIMER B

Page: 2/2

Date: 13.4.2016

Disposal of packaging and waste:	Product residues and contaminated packaging shall be disposed of as hazardous waste in accordance with the applicable regulations.
Safety and hygiene:	Observe the principles of personal hygiene. Ensure good ventilation of the workplace. During application, wear respiratory protection. If on the skin, wash the affected areas with soap and water. If in the eyes: rinse with water. If swallowed, rinse mouth with water, do not induce vomiting. In case of health difficulties, seek medical attention.
Legislation, certificates, attestations, other tested parameters:	<p>Conforms to the requirements of the ČSN EN ISO 1504-2 standard: Surface protection systems - impregnation Declaration of Properties No. 015 Label:</p> <div data-bbox="612 667 1200 1191" style="border: 1px solid black; padding: 10px; text-align: center;"><p>1020 DENAS COLOR a.s., Sokolovská 1174/17, Bílovec 14 1020-CPR-010-025990 EN 1504-2:2004 Surface protection systems – impregnating agents PRIMER B Liquid water permeability: $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$ Depth penetration class I: $< 10 \text{ mm}$ Reaction to fire: class F Release of dangerous substances: see the Safety data sheet Declaration of Properties No. 001 015</p></div>