Technisches Merkblatt

Diessner Primer Concentrate 1:4

Interior and Exterior Primer Concentrate

Water-based interior and exterior primer

- ELF (Emission-minimised, solvent- and plasticiser-free)
- Solvent-free
- Very low odour
- High penetration
- Good surface consolidation
- Saponification stable
- Eco-friendly
- Diffusible

Intended use
Clear primer, water-based speciality dispersion, concentrated. Up to 1:4 water dilutable. For consolidating absorbent surfaces and controlling the absorption of high or variable absorbency surfaces, e.g. masonry, plaster (DIN EN 998-1/DIN V 18550 MG P II- P IV), concrete, decorative plaster, stable old coatings, etc.

Technical data

Binding agent base	plastic dispersion in accordance with DIN 55947
Colour	transparent
Thickness	1.05 g/ml
VOC content	class h type wb, VOC limit from 2010 = 30 g/l, VOC content <10 g/l
Container size	5 L and 10 L container
Storage	Store in a cool, frost free place.
Coverage	Depending on texture and absorbency of the surface approx. 50 - 150 ml/m² (varies by dilution ratio). Determine object-based deviations with a test coat.
Product code Paint and varnishes	BSW 20
Hazard labels	None

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Declaration of ingredients	acrylic resin hydrosol, water, additives, preservatives. Isothiazolinone allergy hotline: +49 (0)30 60 00 02-0
Particular notes	When paint spraying, do not inhale the paint mist and wear a suitable respirator for paint spraying. Always read and observe the label and product information before use. Do not allow to enter sewer systems, bodies of water or soil. Thoroughly cover any surfaces not being coated. Remove paint splatters from any type of surfaces with water whilst wet. For more information see EC safety data sheet.
Disposal	Only recycle fully emptied containers. Take liquid material leftovers to an authorised collection point for old paints/varnishes. Dried out material leftovers can be disposed of as hardened paint or household waste. AVV - waste code no. 080112.

Guidelines for application

Application	Mix material well / shake container before use. Typically apply evenly thinned with water 1:3 or 1:4 wet on wet. The respective thinning ratio is based on the absorbency of the surface. For extremely absorbent surfaces apply two coats wet on wet, thinned 1:4 with water. The coat must evenly consolidate the surface without forming a dense, glossy film, if applicable apply a test coat Do not apply in direct sunlight, high wind, danger of rain, or if night frost is expected. Note technical data sheet.
Application method	Can be applied by paintbrush, brush or sprayer.
Airless application	Nozzle: 0.013” - 0.015” Spray pressure: 60 - 80 pure Spray angle: approx. 20° - 50° Please note: When paint spraying, apply primer evenly. Avoid forming a gloss from over-coating. Protect adjacent areas, objects, etc. from drips and spray mist.
Application temperature lower limit	+ 5° C surface and ambient temperature. Do not apply in direct sunlight, rain, extreme humidity or high wind. Do not use on heated surfaces.
Drying time	At + 23° C and 50 % rel. humidity repaintable after at least 8 hours. Changes to the parameters will impact drying time.
Cleaning tools/airless equipment	Clean tools/equipment with water immediately after use.

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Preparing the surface
The surfaces must be secure, dry, free of dirt, efflorescence, discolouration, fungi, sintered layers, powdered layers, and separable substances. Any old coatings must be checked for suitability, adhesion and paintability. Please note VOB, part C, DIN 18363, paragraph 3, the respective BFS data sheets and technical data sheets 001/003. We recommend preparing sample areas and testing the effect and the surface before beginning.

Note
The details in this technical information are gathered to the best of our knowledge and in accordance with the most up to date application technology. However, these details can only provide non-binding recommendations, as the suitable technique varies by the actual surface conditions and can typically only be determined on the actual object. Please note special conditions at the site. Legal obligations cannot be derived from the above-listed details.
Due to the different surface materials and the working conditions out of our control we recommend sufficient individual attempts in each case to ensure the suitability of our products for the intended application and processes.
With the publication of this technical data sheet, all previous details lose their applicability.

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