

**PAINT TYPE  
USAGE**

Water-borne acrylate dispersion paint for interior walls and ceilings.  
It is easy to apply and produces a semi-matt, even film which is easy to keep clean.

BIORA 20 is especially well suited for use on walls and ceilings in kitchens, vestibules, staircases, nurseries and classrooms.

BIORA 20 can be applied onto concrete, plaster, filler, brick and building board surfaces.

The product has been classified to **Group M1** in Emission Classification of building materials.  
The product has been granted the right to use the allergy label of the Finnish Allergy and Asthma Federation as well as the Nordic Ecolabel, 'The Swan'.

**TECHNICAL DATA****Solids**

About 39 % by volume

**Volatile organic compound  
(VOC)**

EU VOC limit value (kat A/a): 30 g/l. The product's VOC: max. 30 g/l.

**Practical spreading rate**

|                                |                           |
|--------------------------------|---------------------------|
| Previously painted surface     | 10 - 12 m <sup>2</sup> /l |
| Filler and wood fibre board    | 8 - 10 m <sup>2</sup> /l  |
| Concrete and plastered surface | 4 - 8 m <sup>2</sup> /l   |

**Density**

abt. 1.3 g/ml

**Drying time at +23°C / 50% RH**

- dust free

after ½ hour

- overcoatable

after 2 hours

The drying process will be slower in cold and/or damp.

**Thinner, clean up**

Water. Wash the equipment immediately after use with detergent and warm water.

**Finish**

Semi-matt

**Colours**

Two base paints, which can be tinted with the TEKNOMIX tinting system to obtain all shades in the Interior Colour Cards.

**Washability and wear  
resistance**

Wear resistance of the painted surface is good.  
The painted surface can be washed.

Wet scrub resistance, class 1 according to EN 13300 (ISO 11998).

Lasts over 5 000 brushings, SFS 3755.

**Packages**

(availability varies by country)

**Base paint 1:** 0,9 L, 2,7 L, 9 L

**Base paint 3:** 0,9 L, 2,7 L, 9 L

**SAFETY MARKINGS**

See Safety Data Sheet.

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**DIRECTION FOR USE****Surface preparation**

Clean new surfaces from dust and dirt.  
Wash previously painted surfaces with RENSA SUPER paint cleaner.  
Matt down hard or gloss surfaces by sanding and thereafter remove the dust.  
Remove all of the old paint from the surfaces which have been painted with glue paint or lime wash.  
Spray filler ceilings, which are not waterproof, are recommended to be primed with solvent borne primer e.g. FUTURA 3 Adhesion primer.  
For smoothing of irregularities in the surface choose a suitable filler from the SILORA series. The dried filler is sanded down and the dust removed.

**Priming**

Prime concrete, plaster, stopper, brick, chipboard, gypsum board and fibre board surfaces with BIORA 3 primer and ceiling paint.  
Steel surfaces are primed with FERREX AQUA Anticorrosive paint.

**Application**

Before use stir the paint thoroughly.  
The paint is thinned with water when needed.  
Apply once or twice by brush, roller or spray.  
Suitable nozzle for airless spray is 0.017 - 0.021".

**Application conditions**

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.

Good ventilation during the application and drying period quickens the drying process.

**Maintenance instructions**

The final forming of the paint film takes abt. 4 weeks under normal circumstances and after that the ultimate durability and hardness is reached. Before this the painted surface must be treated with care.

The painted surface can be cleaned by wiping with a neutral (pH 6 - 8) detergent. Detergent and dirt are removed by wiping and/or rinsing the surface with clean water. Use a cleaning cloth, soft sponge or similar for cleaning. Avoid coarse brushing or heavy abrasion. Follow the dilution and other instructions of the detergent producer when using detergents.

**Storage**

Must not freeze.

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The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages [www.teknos.com](http://www.teknos.com).

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