

PRODUCT DATA

DAKFILL FRIGO

Andrews Coatings Ltd
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DESCRIPTION

Waterproofing product based on waterdispersed acrylic resins.

MAIN PROPERTIES

High vapour and gas tightness - permanent high elasticity (> 400%) - resistance against sudden variations in temperature - high mechanical strength - solvent free - does not contain bituminous products - builds an abrasion resistant rubberlike coat without joints or seams which is hardly flammable and self-extinguishing (DIN 4102).

RECOMMENDED USES

Gas and vapour tight coating for walls and ceilings, for example in cold stores.

TECHNICAL DATA

Appearance:	Satin matt (gloss 60°: 14%)
Colour:	White
Density:	1,46 - 1,49 g/cm ³
Solids Content:	In volume: 53 - 57% In weight: 68 - 71%
Recommended film thickness:	Wet film: ± 680 micron (cons.: 1 kg/m ²) Dry film: ± 380 micron (cons.: 1 kg/m ²)
Flashpoint:	Not flammable
Water vapour diffusion resistance:	$\mu = 26000$
Shore hardness A:	> 45
Oxygen permeability:	236 mg O ₂ /m ² per day (DFT: 400 μ m)
VOC-content:	35 g/l max.
Ready-for-use mixture:	35 g/l max.
Category:	A/i
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times 20°C/50% r.h.

To touch:	1½ hours
To recoat:	24 hours
Full hardness:	± 1 week

Coverage

Theoretical:	Repainting existing gas-tight cells: 0,5 - 1 kg/m ² . For making cells gas-tight: 2 - 3 kg/m ² in two or more coats.
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Clean the substrate.

Dakfill-Frigo can be applied on:

1. Directly on insulation material such as polystyrene foam, polyurethane and other
2. With an adhesion layer, on concrete, bricks, wood, zinc, aluminium, etc.

On very porous substrates, e.g. cellular concrete: apply first an impregnating coat of Pegafix or Primer 44HS.

DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

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APPLICATION & THINNING

Brush:	Apply undiluted.
Roller:	Apply undiluted.
Air-atomised spray:	Not recommended
Airless spray:	Nozzle: 018 - 026 / Pressure: 220 bars
Cleanup:	Water

APPLICATION CONDITIONS

Minimum 5°C / maximum 85% R.H.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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