HELENA COLD 960/260

GENERAL

Aqueous dispersion of synthetic resin used for bonding cardboard, plastic cards and certain plastics (PVC, polystyrene, polyester, etc.) to absorbent surfaces such as paper, cardboard and absorbent fibres. HELENA COLD 960/260 forms a tough, colourless glue line and is suitable for laminating transparent materials, where the adhesive film remains invisible. Particularly suitable for application with spray equipment.

PROPERTIES AND USES

Used in the paper, packaging and bookbinding industries where an adhesive with medium to high viscosity and fast grab is required. Offers good adhesion to a wide range of coated, plastic and printed materials.

CHARACTERISTICS AND CONDITIONS FOR USE	UNIT	VALUE
Type		Aqueous copolymer dispersion
Colour		Medium-viscous white liquid, transparent when dry
Brookfield viscosity (20 °C, spindle 2, 20 rpm)	mPa·s	1200 ± 200
Specific gravity at 20 °C	g/cm³	approx. 1.0
Setting time (*)		Varies with substrates and amount applied. Join the parts as quickly as possible (seconds).
Recommended application temperature	°C	> 15 °C
Application method		Spreading / roller machine
Minimum film-forming temperature (MFFT)	°C	approx. 0 °C

(*) Setting times vary considerably with temperature and relative humidity.

PACKAGING AND STORAGE

IBC 1000 kg; buckets 30 kg. Store in a temperature-controlled environment (+5 °C to +30 °C) in the original packaging.

BEST BEFORE

6 months.

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WARNINGS AND APPLICATION NOTES

- HELENA COLD 960/260 is applied in thin layers to the surfaces to be bonded.
- Where sufficient initial tack and absorption are available, the parts can be joined while the adhesive is wet. If the surfaces are non-absorbent or high contact strength is required, apply the adhesive separately to both parts and join them once the films have turned colourless and transparent.
- For spray application, the product can be diluted with 10–20% water.
- Suitable packaging and containers are enamelled steel, stainless steel and plastics such as PVC and reinforced polyester.
- After prolonged storage, stir the adhesive before use.
- For materials that have been stored for a long time, always verify bonding with suitable preliminary tests.
- Clean tools and containers with water before the adhesive dries.

Consult the product safety data sheet before use.

DISCLAIMER

This information is based on our current knowledge and experience. Although accurate, it is purely indicative and implies no liability on our part regarding its use by the customer, nor any express or implied warranty of suitability of the product for any particular application. The adhesive must be evaluated under actual application conditions by carrying out production tests and tests of the bonded product, to verify that all requirements of the specific application are met, including those relating to the health and safety of operators and end consumers. Tests should be repeated whenever process conditions and/or materials change, or if the same materials come from a different source of supply. For anything not covered by this technical data sheet, please refer to our general terms and conditions of sale and to our technical support. Since the use of our product is beyond our control, the buyer assumes full risk for any direct or consequential damage arising from the handling and use of the product, alone or in combination with other materials.

This data sheet cancels and replaces all previous versions.

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