

Collosil[®] 365

Special adhesive based on alkali silicates with enhanced tacking power

Chemical description

Collosil 365 is a high performance adhesive for tube winding based on modified alkali silicates with special tackifying additives.

Mode of action

Collosil 365 is applied in cascade or immersion glueing procedures without any other additives. It can be used in spiral and parallel winding and imparts excellent tack in the freshly wound and very good strength in the final tubes.

Collosil 365 is very economic in application. A low humidity level in the fresh tubes can be achieved.

Specification (average values)

Density (20°C):	approx. 1,38 g/cm ³	042 *)
pH value:	approx. 12,0	008 *)
Viscosity (20°C):	approx. 80 mPas	053 *)
Appearance:	colourless opaque liquid	

*) Internal method code – description available on request

Properties

- Readily wets paper webs.
- Good penetration in sized and unsized paper board.
- Excellent initial tack.
- Very good strength in the final tubes.
- Storage stable, alkaline liquid.
- Nontoxic.
- Noncombustible.
- Does not contain volatile solvents (VOC).
- No problems in recycling of used tubes etc.

Application

Collosil 365 is used for bonding paper and paper board. (Tube winding and special applications.)

Storage

Collosil 365 must be protected from frost and must not be stored in aluminium or galvanized containers. The containers must be kept tightly closed.

Labelling / Safety

Please see safety data sheet

Packaging

Container
Road tanker

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