

# Celvolit® 1328 (SG)

## Technical Data Sheet

Issue Date 10/2016

### Characters

Celvolit®1328 (SG) is a copolymer dispersion of vinyl acetate and ethylene.

### General Features and Use

Celvolit®1328 (SG) has high solid content, low viscosity and good flow properties, which makes it extremely suitable for the manufacturing of re-dispersible powders.

Celvolit®1328 (SG) in dispersion or powder form can be used in:

- Ceramic tile adhesive and Grout
- Interior/exterior skim coat
- EIFS
- Render and Repair mortar
- Floor /wall trowelling compound
- Self-levelling compound
- Gypsum applications

Performance may vary depending on your formulation. Please contact our Application Technology Group to assist you.

| PRODUCT SPECIFICATION*             | METH*    | UNIT  | VALUE       |
|------------------------------------|----------|-------|-------------|
| Solids content (130 °C; 30min)     | ISO 3251 | %     | 59.0 – 61.0 |
| Brookfield viscosity (25 °C; 4/20) | ISO 2555 | mPa·s | 700 – 2500  |
| pH value                           | ISO 976  |       | 3.5 – 5.0   |

| TYPICAL PROPERTIES**                                      | METH*                      | UNIT | VALUE     |
|---|----------------------------|------|-----------|
| Particle size   |                            | µm   | 1         |
| Minimum film forming temperature                          | ISO 2115                   | °C   | approx. 0 |
| Glass transition temperature (DSC; heating rate 20 K/min) | DIN 53765                  | °C   | approx.16 |
| Appearance of polymer film                                | Clear, soft and crack-free |      |           |

\* In accordance to this standard.

\*\* These data are solely to describe the product. They are not subject to constant monitoring or part of the specification.

## Preservation and Storage

The dispersion contains some initial preservatives to prevent attack by microorganisms. In order that the product is also sufficiently protected against microbial contamination during further storage in opened drums, tanks or other storage facilities a suitable preservative should be added despite our preliminary preservation measures and the tanks and pipe work should be kept adequately clean.

Celvolit®1328 (SG) has a minimum shelf life of 6 months from the dispatch date, provided the product is stored hygienically at temperatures between 5 and 35 °C, avoiding frost and direct sunlight. Furthermore it must be ensured that already opened drums and containers are always tightly closed. For bulk storage, additional conditions like the addition of preservatives or frequent stirring are technically applicable and recommended.

The technical properties of the emulsion may change as a result of storage time and storage conditions. This can lead to deviations from the given specifications.

To ensure safe storage of Celvolit®1328 (SG), containers should be well sealed to prevent evaporation of water and the formation of skin on the surface, the technical properties of the emulsion may change as a result.

Skins or lumps can form during storage and transport of the dispersion due to its film forming nature. A filtration or sieve process is recommended before further processing.

## Safe

Celvolit®1328 (SG) is water-based and not classified as a hazardous substance within the meaning of the current Dangerous Substances Regulations. Nevertheless general safety precautions in the processing of polymer dispersions should be observed. Protective gloves and goggles should be worn and working areas should be adequately ventilated.

A safety data sheet is available on request.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their possible uses. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. It should therefore not be construed as an expressed or implied warranty of specific properties of the products or for its suitability for a particular use. Any existing industrial property rights must be observed. The quality of our products is governed by our General Conditions of Sale. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.