

1. Product Profile

SN Flux® 401 is delayed activation type polycarboxylic ether, which is designed for formulation water reducing admixtures with enhanced slump retention.

SN Flux® 401 is available in bulk and 1,100 kg IBCs.

2. Uses

SN Flux® 401 is suitable for formulation of high range water reducers/ superplasticizers where an enhanced slump retention performance needed. SN Flux® 401 has a delayed activation profile. It has no plasticizing effect right after the concrete is mixed. The polymer activates over time and concrete slump/flow is increased. For higher initial slump/flow, it should be mixed with other SN Flux® grades.

3. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Required safety measures must be observed during the application of the material and the applicators must use protective clothing, gloves and goggles. Emptied packages must be handled in compliance with relevant regulations and laws.

4. Storage

The material must be kept in dry indoor storage. Recommended storage temperature is 10-30°C. Stored in these conditions, the shelf life is 12 months. Low temperatures may lead to crystallization of the product. Such products can be used after heating and homogenization. High temperature storage may cause discoloration. Do not allow product to freeze.

Polycarboxylate Copolymer

Highlights

- 50% Aqueous polycarboxylic ether
- Delayed activation type
- Can be blended to other SN Flux® grades to give excellent slump retention
- Can be used for precast or ready-mix concrete
- Low air entrainment

5. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by Stenkim® and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All Stenkim® products are available in specified quality and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by Stenkim®.

Stenkim® reserves the right to update all information contained in this document without notice.

6. Technical Data

| Property | Result |
|--------------------|--|
| Appearance | Transparent |
| Color | Amber to yellow |
| Odor | Characteristic |
| Chemical Structure | Polycarboxylic ether polymer solution in water |
| Density | 1.12 ± 0.01 g/cm ³ |
| pH | 6 ± 1 |
| Solid Content | 50% ± 1 |
| Viscosity | 550 ± 110 cP |
| Use | Delayed activation for excellent slump retention |

Stenkim® reserves the right to make changes in the values in this table at any time.