

## 1. Product Profile

**SN Flux® 404** is delayed activation type polycarboxylic ether, which is designed for formulation water reducing admixtures with enhanced slump retention.

**SN Flux® 404** is available in bulk and 1,100 kg IBCs.

## 2. Uses

**SN Flux® 404** is suitable for formulation of high range water reducers/ superplasticizers where an enhanced slump retention performance needed. **SN Flux® 404** has a delayed activation profile. It has no water reduction ability right after the concrete is mixed. Over time, its water reducing effect increases. It should be blended with water reducing **SN Flux®** grades if good initial fluidification is required.

## 3. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. 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
- Enhanced clay tolerance

## 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

Properties	Results
Appearance	Transparent
Color	Amber to yellow
Odor	Characteristic
Chemical Structure	Polycarboxylic ether polymer solution in water
Density	1.10 ± 0.01 g/cm <sup>3</sup>
pH	4.5 ± 1
Solid Content	50% ± 1
Viscosity	400 ± 80 cP
Use	Delayed activation for excellent slump retention

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