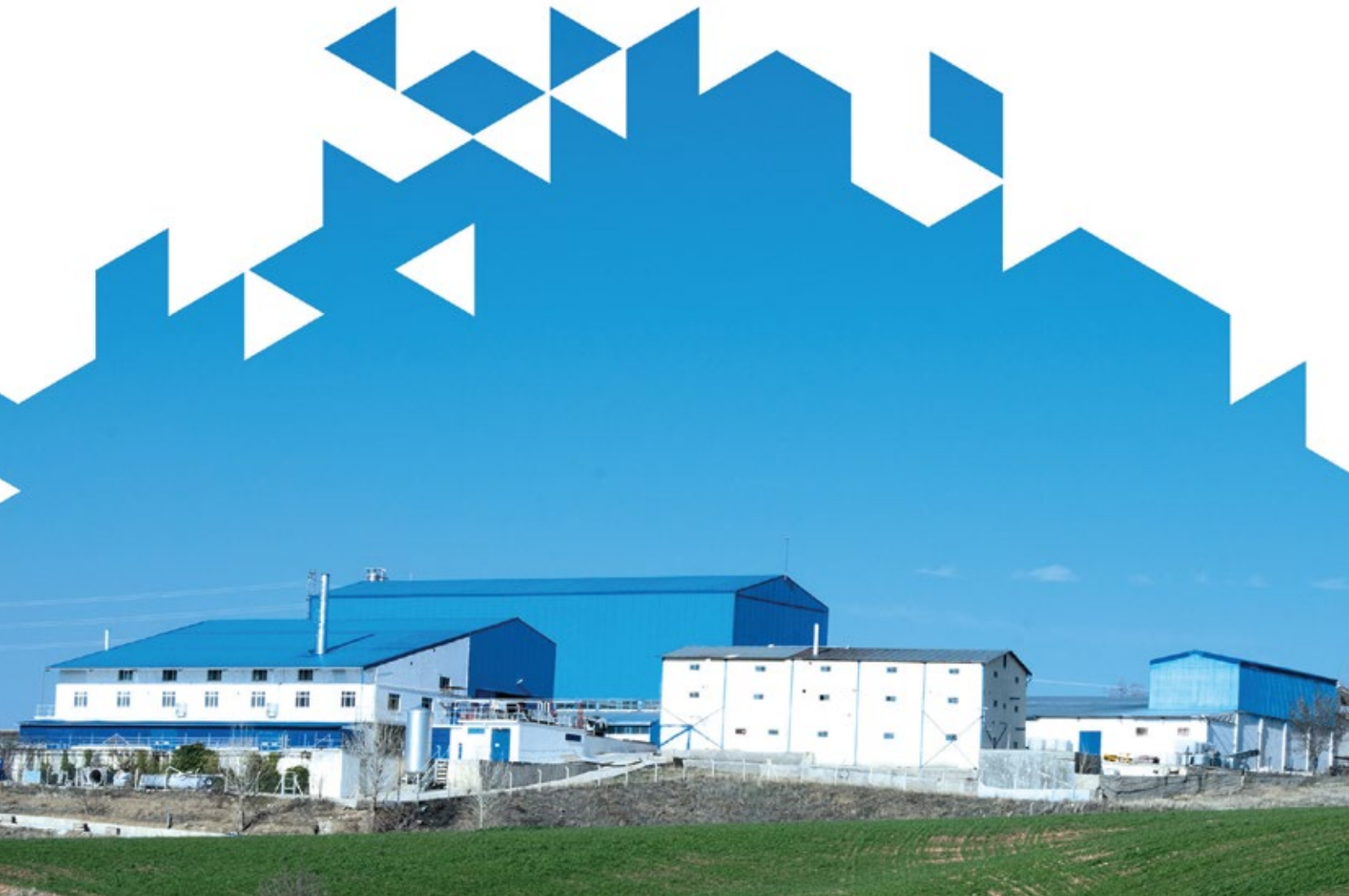


SN FLUX  
Series  
**Polycarboxylic  
Ether**

New Generation Polycarboxylate  
Copolymer For Admixture  
Production



**Stenkim®** Chemicals is a construction chemicals producer founded in 1986. Our main products include sealants, floorings, coatings, admixtures, concrete repair and reinforcement products, waterproofing materials, and polycarboxylates. We use the knowledge and engineering skills we have gained over the past 30 years to design and produce products that are of equal or higher quality than those offered by our multinational competitors. We are constantly developing new products and expanding our portfolio to meet the changing needs of the construction industry and the unique requirements of individual construction projects. We are often the first and sometimes the only domestic producer of many innovative construction chemicals.

Our agile structure, commitment to continuous improvement, passion and drive have enabled us to grow consistently over the years. The guiding principle of **Stenkim®** is to design, manufacture, and certify products that meet current standards. We are able to achieve this goal with the help of our expert design engineers, advanced production and R&D facilities, and proprietary technologies. The exceptional quality of **Stenkim®** products is the result of thorough quality checks at every stage of production, from the acceptance of raw materials to the approval of finished goods. Our focus on quality extends to our services as well as our products. We strive to provide the best possible product experience not only for our customers, but also for everyone and every business we interact with.





**As a leader** in the industry,  
we offer a diverse range of high-quality construction  
chemicals, backed by decades of **expertise**  
and innovation.

With success stories in **35 countries on five**  
**continents**, we are expanding our reach to  
become a globally recognized brand.



## SN FLUX SERIES POLYCARBOXYLIC ETHER

### Product Profile

SN Flux products are raw materials for water reducing admixtures. SN Flux series are second generation polycarboxylates based on the state of the art unsaturated ether technology. They can combine good water reduction and long slump retention in a single polymer unlike older, ester based polycarboxylates. The polymer structure can be optimized for specific use scenarios, such as long distance pumping, high cement quality variation, clay in aggregates, early form removal etc. All SN Flux products are developed in house by **Stenkim®**. With high dosage efficiency, low unit costs and good compatibility with many admixture raw materials, SN Flux polymers are ideally suited for use in mid to ultra-high range water reducing admixture formulas.

### Highlights

- High water reduction combined with long slump retention
- Good dosage efficiency
- Formulation flexibility due to good compatibility with admixture raw materials
- Robust performance across cement and aggregate variations
- Selection of grades for different use scenarios
- Suitable grades for ready mix concrete and precast concrete
- Tailoring for a specific use is possible

	SN Flux 401	SN Flux 403	SN Flux 404 <small>NEW IN 2023</small>	SN Flux 500/50	SN Flux 518	SN Flux 519 <small>NEW IN 2023</small>	SN Flux 604-DE
<b>Solid Content</b>	50% ± 1	50% ± 1	50% ± 1	50% ± 1	50% ± 1	50% ± 1	50% ± 1
<b>pH</b>	6.0 ± 1.0	6.0 ± 1.0	4.5 ± 1.0	6.2 ± 1.0	6.1 ± 1.0	4.7 ± 1.0	4.0 ± 1.0
<b>Viscosity (cP)</b>	1090 ± 80 cP	750 ± 100 cP	660 ± 80 cP	470 ± 80 cP	540 ± 80 cP	650 ± 80 cP	420 ± 40 cP
<b>Density (g/cm<sup>3</sup>)</b>	1.12 ± 0.01	1.11 ± 0.01	1.10 ± 0.01	1.12 ± 0.01	1.10 ± 0.01	1.10 ± 0.01	1.11 ± 0.01
<b>Use</b>	Delayed activation for long slump retention over 3 hours	Delayed activation for long slump retention over 2 hours	Delayed activation for long slump retention over 3 hours	Balanced water reduction/slump retention performance	High slump retention	High slump retention	Efficient water reducer
	Robust performance	Robust performance	Clay tolerance	Universal compatibility	Robust performance	Clay tolerance	High alkali tolerance
	Low mix viscosity	Low mix viscosity	Good mix stability	Good mix stability	High SCM compatibility	High SCM compatibility	High ultimate strength

## PACKAGING

SN Flux series are available in 200 kg drums 1.100 kg IBCs and bulk options such as flexi tanks, road tanks and ISO tanks.

## STORAGE

The bulk material may be stored in tanks. IBC's should be kept away from sunlight. Recommended storage temperature is 10 - 30°C. Stored in these conditions, the product 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 SN Flux to freeze.

## 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®**.





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