

TFlow 8475

High range water reducing, super plasticizing concrete admixture

PRODUCT DESCRIPTION

TFlow 8475, is a new generation highly water reducing/superplasticizing concrete chemical designed for self-compacting concrete used in modern construction projects. With its polycarboxylate-based structure designed specifically for the customer, it increases the fluidity and workability of the concrete and allows it to settle in the molds with its own weight. This feature offers great advantages in reducing labor costs and shortening construction time.

FEATURES

- **High Fluidity:**

It gives high fluidity to the concrete, allowing it to be easily poured into molds without requiring vibration or additional mechanical processes

- **Homogeneous Distribution:**

It ensures that the concrete is distributed homogeneously and the gaps are completely filled.

- **Mold Filling and Surface Quality:**

It ensures that the concrete creates perfect filling and the surface is smoother, even in complex and heavily reinforced molds.

ADVANTAGES

- **Time and Labor Savings:**

Provides significant savings in labor and construction time.

- **High Strength and Durability:**

Thanks to the lower water-cement ratio and homogeneous distribution, it enables the construction of high strength and long-lasting structural elements.

- **Functional Superiority:**

Provides smoother surfaces and superior appearance results.

- **Wide Area of Use:**

It can be used in many different construction projects such as tunnels, bridges, high-rise buildings and industrial structures.

USAGE AREAS

- In self-compacting concrete production
- In the production of complex reinforced building concretes
- In the production of concrete used in infrastructure projects (tunnels, bridges, dams)
- In the production of concrete used in high-rise building projects
- In concrete production where high fluidity is required



TTR Chemicals Co.
a **SBM®** Company

RECOMMENDED DOSAGE

TTFLOW 8475 can be used between 0.5% - 2.0% of the total amount of binder in concrete. Since the usage rate may vary depending on other components, it is recommended to determine the exact amount by conducting laboratory tests.

TECHNICAL SPECIFICATIONS

| | |
|------------------------|------------------------------------|
| Color and form | Brown liquid |
| Chemical origin | Polycarboxylate ether based liquid |
| Density (kg/l) | 1,050 – 1,090 (at 20 °C) |
| pH | 3 – 7 |

EQUIPMENT CLEANING

Equipment that comes into contact with the product can be cleaned by washing with warm water or brushing.

PACKAGING AND STORAGE

Bulk, 1000 lt IBC,

When stored in its original, unopened, and undamaged packaging between +5 and +35 °C, the product has a shelf life of 12 months from the date of manufacture. Protect from direct sunlight and frost.

SAFETY

Gloves, protective masks, and goggles should be worn while handling. In case of contact with skin or eyes, rinse thoroughly with plenty of water. For detailed safety information, please refer to the product Safety Data Sheet