

# TG Uragomu II

## Integral backfill material

TG Uragomu II is integral material that can be making backfill material by kneading water only. It has the same function as conventional backfill material.

### Characteristic

- Compared to conventional product that was required several materials, it does not require a large yard space.
- It improves the workability because it uses only one material.
- Since the product is a fine powder, it can be fast kneading and almost does not occur separation of material.
- It can get the strength of more than natural ground.
- It certainly fills the void because almost no bleeding and volume change after curing is small.

### Applications

- Backfill material
- Intermediate-filling material
- Various filling material

### Properties and Package

- Package : 20 kg bags
- Appearance : Off-white powder
- Specific gravity : 2.8 ~ 2.9
- pH : 9.0 ~ 11.0

### Procedure

- ① Put water (172L) into 200L mixer.
- ② While turning the mixer, added TG Uragomu II (4 bags) little by little, and stir sufficiently.
- ③ Inject by pump. (Conduct within two hours after preparation of the solution.)

## Viscosity

Stirring time	P-fannel (sec.)
Immediately after	10±2
After 30 min.	10±2
After 60 min.	10±2
After 90 min.	10±2
After 120 min.	10±2

## Bleeding rate (%)

Time	Bleeding rate (%)
After 1 hour	less than 3%
After 3 hour	less than 3%

## Mixing ratio

Materials	200 L	1 m <sup>3</sup>
TG Uragomu II	80 kg	400 kg
Water	172 L	860 L

## Unconfined compressive strength

Age	N/mm <sup>2</sup>
7 days	More than 0.5 ~ 1.0
28 days	More than 2.0 ~ 3.0

## Handling precautions

- Please wear safety glasses, protective gloves, and protective mask during handling
- After handling, please wash your hand and face, and go gargle.
- If spilled from the bag, it should be recovered careful to not occur dust.

## Storage Precautions

- Keep at a certain place that is not on the state of water wetting and high-temperature and humidity.

## Emergency measures

- Please rinse with water for at least 15 minutes in case of eye contact. If necessary, please seek medical attention.
- In case of swallowed by mistake, please vomit if you can be vomit easily. If not, please do not induce vomiting, and please seek medical attention.

## Others

- We have created the contents on the basis of the materials information available at the moment. Therefore, the evaluation and described data is provision of information, and do not guarantee.



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