

KS-12 PUTTY COATING FOR POLYUREA



PRODUCT DESCRIPTION

This putty coating is a kind of high content solvent coating with epoxy resin as the main component. It's usually used with putty powder and can effectively repair cracks and holes in the concrete substrate.

- Good sealing ability and strong adhesion to concrete.
- Effectively repair the concrete substrate, and good stability in vertical construction.
- Fast curing speed to reduce construction period.

WHERE TO USE

This product used for the repair of the substrate of the old and new concrete, especially suitable for filling holes in the vertical concrete structures.

CONSTRUCTION CONDITION

- Requirement for the substrate: The concrete substrate should be cleaned, repaired and polished to a certain roughness condition. After the enough time of maintenance, the concrete strength must be C25 or above, and moisture content should be less than 6%. When the substrate is ready, the next process should be carried out as soon as possible.
- Environmental temperature and humidity requirements: The construction environment temperature is between 5~35°C, and the substrate's temperature is at least 5°C higher than the air temperature. The humidity range should be between 30~80%.
- Ventilation condition: Keep ventilation during construction, but don't construct the primer when there is strong wind.

TECHNICAL DATA BASED FOR REFERENCE

No.	ITEM	INDEX	TEST STANDARD
1	Tack free drying time/h	≤4	GB/T 1677-2008
2	Fully drying time/h	≤24	GB/T 1677-2008
3	Solids content /%	≥70	JC/T 2252-2014
4	Dry condition /MPa	≥2.5	JC/T 2252-2014
	Retention rate after dip in water /%	≥70	JC/T 2252-2014

CONSTRUCTION NOTES

- The component A and B should be stirred evenly before mixing them.
- The mixing ratio of component A and B by weight is A:B=4:1. After the evenly mixing of A and B by 2~3 mins mechanically mixing, add 0.6~0.8 times by weight of putty power into the putty coating, it is ready to construct after mixed evenly by 3~5 mins mechanically mixing. Please make sure the putty power is very dry without any moisture.
- The mixed primer should be used up in 30min by scraping tool. Any material is not allow to add into the primer to make it thinner.
- Normally, the next process should be carried out on 3 hours after the tack free time of putty coating. It can construct many layers if necessary, and the construction method is same as above.

PROTECTION AND SECURITY

- Protective glasses, work clothes and shoes and hats are required for construction operations. During the construction, it is avoided contact with the skin, and once in contact with the skin, it is recommended to wash with warm water and detergent, if necessary, wash with a plastic brush or a steel ball. If inadvertently splashed into the eyes, need to wipe immediately and rinse with plenty of water, and go to the hospital for help.
- Normally, the fully dry coating is non-toxic and very safe.

RECOMMEND USAGE

Normally, the recommend usage is 0.3~0.4kg/m², and the total usage (putty coating with putty powder) is 0.5~0.7 kg/m².

PACKING

20kg/set, KS-12A: 16kg/pail; KS-12B: 4kg/pail

STORAGE AND TRANSPORTATION

- The primer should be sealed and stored in a dry, cool and well-ventilated condition, avoiding sun and rain and keeping away from fire.
- In the original packaging state and the prescribed storage conditions, the product has a shelf life of 6 months from the date of production.
- After open the drum, please use it as soon as possible and seal it again when not in use.
- The materials shall be stacked stationary and avoid violent collision when transporting.

ATTENTION

The information disclosed above is based on our knowledge and experience, and we believe it is correct and feasible. However, it must not be extended to the protection of end users, because the requirements of end users are related to many factors, which are closely related to correct design, construction, management, supervision, and so on. We will never be held responsible for incorrect using results and incorrect construction results, and we recommend that you perform relevant verifications before construction. If you have any questions, please contact Keshun Waterproof Technology Co., Ltd.



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