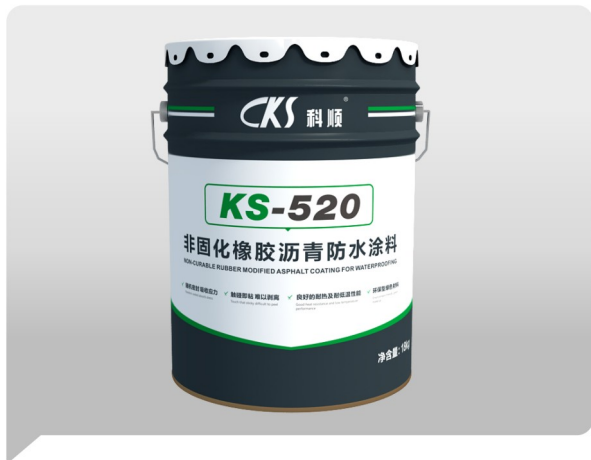


RUBBERBIT KS-520

NON-CURING RUBBERIZED BITUMEN WATERPROOF COATING



DESCRIPTION

KS-520 is a new type of hot melt bitumen waterproof coating with high solid content. With function of non-curing after long time exposure to air, always keep the viscous rubber characteristics; strong self-healing capacity, once it is touched immediately bonded, difficult to peel off, below 25°C still stays good bonding properties; It could solve the waterproof layer cracking fatigue breaking, and the aging problem in high stress etc., various of problems due to primary cracking stress transfer to the waterproof layer.

KS-520 can be well closed primary air vents and cracks, then settle the problem of water leakage for the waterproof layer; It also can solve the poor compatibility between waterproof membrane and waterproof coating.

PRODUCT FEATURE

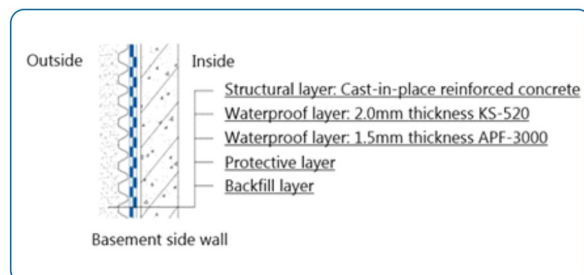
- **Excellent creep properties:** It can effectively absorb the stress from the substrate. When external stress acts, it can immediately lead to deformation, protect the waterproof layer from damage, improve the reliability of the waterproof and prolong the life of the waterproofing.
- **Excellent performance of the construction:** The coating can form a waterproofing film immediately, no need for curing, the next step can be carried out immediately after construction; it has good affinity, can be combined with any material to form a stable waterproof coating, low requirements on the flatness of the substrate, no need to apply the primer.

- **Excellent bonding performance:** Immediate bonded once touched, difficult to peel off, the base deformation cracks can be filled. Temperature adaptability: Excellent resistance to high temperature to 60~70 degree, the flexibility is still good when at -25 degree.
- **Excellent self-healing:** When the waterproof layer is damaged by external force, the damage will not expand, and there is no water-repellent happened at the bottom of the waterproof layer, and the damage can be gradually repaired due to the creep property, thereby greatly improving the reliability of the waterproofing.
- **Excellent environment protection performance:** No organic solvents, solid content more than 99%, nontoxic, tasteless, no pollution, no smell or smoke in the construction process, is a kind of environmentally-friendly waterproof coating.
- **Excellent extension:** Over 1000% of the elongation rate, 60mm extension, the waterproof layer will not be damaged due to the displacement of the substrate, so that the building structure is always maintained in good condition.

MAIN APPLICATION

- Widely used in industrial and civil building roof and underground waterproof engineering.
- Grouting leakage stoppage project of deformation joint.
- KS-520 compound with membrane on the construction site, can form a reliable compound waterproof system.

DETAIL DRAWING



INSTALLATION

- Ensure substrate surface is flat, firm and without obvious water. Substrate cleaning before coating spraying.
- Critical areas: in/outside corners, plane and inner corners should be curved, semi radius of curve is 40-50mm.
- Coating spraying: When spraying, spray pressure and the swing angle of spray gun should be fixed to ensure coating thickness (operators trained by Keshun before coating spraying).
- Waterproof performance check and approve.
- To next process.

SUPPLY

18 kg/ bucket; The usage for 1.0mm thickness coating is about 1.1-1.25 kg/m².

PHYSICAL PROPERTIES

Implemented Standard: Q/SDKS 059-2017

No.	ITEMS		INDEX	
			I	II
1	Flash point/°C ≥		200	
2	Solid content/% ≥		98	
3	Adhesive properties	Dry base	100% inner breakage	
		Wet base		
4	Elongation/mm ≥		15	
5	Low temperature flexibility		-20°C, no crack	
6	Heat resistance/°C		65	80
			Noslide、flowing	
7	Heating 70°C, 168h	Elongation/mm ≥	15	
		Low temperature flexibility	-15°C, no crack	



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