

CN2000®B Synthetic Performance Data

Physical Performance

Homogeneous Performance

Environment Conservation Performance

CN2000B Synthetic Performance Data

TIANJIN HI-THCH INDUSTRY PARK
ZIIONGIIE WATERPROOF MATERIAL CO., LTD

SPOT TEST by
The National Quality Supervision and Examination Test Center for
Industry Building Material of Construction Material
And
The National Research Center for
Environmental Analysis and Measurements

Test Report 1: Physical performance

No.	Item of Test	Standard	Test Result	Conclusion
1	Setting Time	Initial > 20min	30 min	Qualified
		Final < 24h	45 min	
2	Compressive strength	7d 12.0 MPa	38 ± 2 MPa	Qualified
		28d 18.0 MPa	40 ± 2 MPa	
3	Bending strength	7d 2.80 MPa	4.5 ± 0.5 MPa	Qualified
		28d 3.50 MPa	5.0 ± 0.5 MPa	
4	Impervious Pressure	28d > 1.2MPa	? : 1.2 MPa	Qualified
5	The Second Impervious Pressure	56d ? : 0.8 MPa	? : 0.9 MPa	Qualified
6	Pressure ratio of imperviousness	28d 300%	> 300 %	Qualified
7	Adhesive strength of ? : 1.0 MPa	> 1.4 MPa	Qualified moist base	
8	Stability	Qualified	Qualified	Qualified

Test Report 2: Homogeneous performance

No.	Item of Test	Standard	Test Result	Conclusion
1	Water Content	Must be within 5% of relative quantity of manufacture controlling valve (< 4%)	2.5 %	Qualified
2	Total quantity of Alkaline	Must be within 5% of relative quantity of manufacture controlling valve (< 4%)	0.46 %	Qualified
3	Chloride Content	Must be within 5% of relative quantity of manufacture controlling valve (< 4%)	Under Detectability	Qualified
4	Degree of Fineness	Must be within 5% of relative quantity of manufacture controlling valve (< 4%)	6.3 %	Qualified
5	Radiation (Specific Activity of Radiation Nuclide)	Internal radiation index	0.45 %	Qualified
		External radiation index	0.53 %	Qualified
Note : Total quantity of Alkaline、Radioactive Subcontracting				

Test Report 3: Environment Conservation Performance

Test Content: Formol、Diffusive Toxicity (Heavy Metal)

Conclusion of Test :

Item	Sample	Detectability
Formol (mg / m ³)	Under Detectability	0.008
Lead (μg / L)	Under Detectability	10
Copper (μg / L)	Under Detectability	10
Zinc (μg / L)	Under Detectability	50
Cadmium (μg / L)	Under Detectability	0.5
VOC (mg / m ³)	Under Detectability	0.01

TIANJIN HI-TECH INDUSTRY PARK
ZHONGHE WATERPROOF MATERIAL CO., LTD

Chief engineer



Chengkai Zhang

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CN2000®B is designed and manufactured to meet exacting standards established by testing agencies around the world, and those designed to ensure a safe and healthy environment for our Communities today, and for generations to come

The advanced production technology ensures the uniformity, stability and quality of the **CN2000® Waterproof** line of products.

The **CN2000® Waterproof** line of products, unrivaled in the concrete waterproofing industry; play a vital role in the design of many world class projects.

In the years to come, the makeup of concrete will evolve to meet the demands of Designers', Engineers and Architects, and our Research and Development teams continue to find better ways to waterproof concrete structures, ensure quality control, enhance our production techniques and to meet the evolving needs of our clients in waterproofing.

When the clients of **RCS** want superior waterproofing solutions, they will be utilizing the same state of the art technologies that have been proven in world class projects.

CN2000® a Revolutionary Concrete Solution