

# 529 HIGH STRENGTH REPAIR MORTAR

>10 mm thick

Ideal for fast repairs for coatings, construction of joint edge repairs larger than 150 mm and other structural concrete repairs.

529 is a high strength, fast setting, polymer modified concrete. Used for repairs or overlayment or as corrosion protection.

## FEATURES:

- Fast turnaround time - High 3hour strength
- High bond strength
- Very low chloride ion permeability
- Very low shrinkage
- Outstanding corrosion resistance for reinforcement protection

## TECHNICAL PROFILE

### COMPONENTS

High early strength, single component, permanent concrete repair material containing migrating corrosion inhibitors.

### CURE RATE AT 25°C

8-24 Hours for application of moisture sensitive coatings.

### OTHER

Compressive Strength	
3 hours	17.2 MPa
1 day	34.5 MPa
7 days	48.3 MPa
28 days	55.2 MPa
Bond Strength	
1 day	13.6 MPa
7 days	17.3 MPa
Length Change	
28 days wet	+ 0.05%
28 days dry	-0.09%
Chloride Ion Permeability	
28 Days	Very low (<1000 Coulombs)

\*Typical properties at 25°C

For a full Technical profile, please contact [info@nuvo.co.za](mailto:info@nuvo.co.za).