

100 years
hahne
SINCE 1926



CONCRETE REPAIRS

Reshaping
the Future of
Sustainable
Construction



ABOUT US

hahne is a trusted name in construction chemical solutions, formed through a strategic joint venture between Sievert SE, Germany and 20 Microns Limited, India. This powerful collaboration unites over 100 years of German precision engineering with decades of deep-rooted Indian market expertise, delivering high-performance systems tailored for local conditions.

Combining Sievert's technology of innovation in waterproofing and tiling solutions and 20 Microns' dominance in mineral science and raw material technology, hahne is uniquely positioned to serve the Indian construction industry with unmatched quality and consistency.

Our manufacturing processes are driven by German technical standards, while our products are adapted to meet the practical demands of Indian sites. From tile adhesives and epoxy grouts to future-ready waterproofing systems, hahne offers engineered reliability, proven durability and constant practical performance.

Built on the principles of precision, trust and partnership, hahne is committed to building a better, stronger and more durable tomorrow.

NOTES

MICROSTRUCT 65

High-Performance, Non-Shrink, Cementitious Micro-concrete

MicroStruct 65 is a factory-designed, pourable, shrinkage-compensated, high-strength micro-concrete formulated with selected cement, graded aggregates, and advanced German additives. Designed for structural repairs and jacketing applications requiring high flowability, strength, and durability.

KEY BENEFITS

- Dual-stage expansion system
- Excellent flow & pumpability
- Rapid strength gain
- High compressive & flexural strength
- Excellent bond strength
- Low permeability

APPLICATIONS

Structural strengthening & jacketing, Repair of columns, beams & foundations, Bridge, dam & industrial floor repairs, Pile head encapsulation Repairs where vibration is difficult

YIELD / CONSUMPTION

Approx. 12.7 litres per 25 kg at recommended water dosage

TECHNICAL DATA

- **Compressive Strength:** $\geq 65 \text{ N/mm}^2$ @ 28 days
- **Flexural Strength:** $\geq 6 \text{ N/mm}^2$ @ 28 days
- **Layer Thickness:** up to 100 mm

PACK SIZE : 25 kg moisture-resistant bags



REPOSTRUCT 40

High-Performance, Polymer Modified, Fibre Reinforced Repair Mortar

RepoStruct 40 is a one-component, pre-batched, polymer modified, shrinkage-compensated, fibre-reinforced repair mortar suitable for pourable and spray applications. It provides superior strength, low permeability, and excellent bond with old concrete.

KEY BENEFITS

- High compressive strength
- Shrinkage controlled
- Excellent bond to concrete & steel
- Chloride-free & non-corrosive
- Compatible with protective coatings

APPLICATIONS

Structural concrete restoration, Column, beam & wall jacketing, Fire-damaged concrete repair, Chloride-affected concrete repair, Marine & industrial structure repairs.

YIELD / CONSUMPTION

Approx. 13 litres per 25 kg at recommended water dosage

TECHNICAL DATA

- **Compressive Strength:** $\geq 45 \text{ N/mm}^2$ @ 28 days
- **Flexural Strength:** $\geq 7 \text{ N/mm}^2$ @ 28 days
- **Application Thickness:** up to 20 mm per layer

PACK SIZE : 25 kg moisture-resistant bags



NSG60

High-Strength, Free Flow, Non-Shrink, Cementitious Precision Grout

NSG60 is a single-component, ready-to-use, high-performance cementitious precision grout with controlled expansion. Developed using advanced German expansion chemistry for superior flow, dimensional stability, and durability.

KEY BENEFITS

- Non-shrink & dimensionally stable
- High early & ultimate strength
- Excellent flowability
- Dual expansion system
- Chloride-free

APPLICATIONS

Base plate grouting, Turbine & machinery grouting Bridge bearing grouting, Bolt pocket & anchor filling Structural void filling, Precision support grouting

YIELD / CONSUMPTION

Approx. 12.5 litres per 25 kg bag at flowable consistency.

TECHNICAL DATA

- **Compressive Strength:** $\geq 60 \text{ N/mm}^2$ @ 28 days
- **Flexural Strength:** $\geq 10 \text{ N/mm}^2$ @ 28 days
- **Pull-Out Bond Strength:** $\geq 20 \text{ N/mm}^{2p}$ @ 28 days

PACK SIZE : 25 kg moisture-resistant bags





Micro-concrete Application



Repair mortar Application



Non-shrink Grouting

BUILDING MATERIALS SOLUTIONS

Waterproofing | Surface Coatings
Concrete Repairs | Tile Installations



SIEVERT 20 MICRONS BUILDING MATERIALS
56 & 57, Siddhi Industrial Infra Park,
Waghodia 391760, Dist Vadodara, Gujarat, India
Contact Us. 75740 00880 / info@hahne.in
www.hahne.in

