



TECHNICAL DATASHEET 572 SELF LEVELLING COMPOUND

DESCRIPTION:

NeoSeal® 572 Self Levelling Compound is levelling mortar prepared with blend of high strength cement, graded fillers, special grade polymer additives and some chemicals. It is single component ready to mix, non-shrink, ready to use, pourable and flowable self-levelling mortar in dry powder form. It is designed to help level surfaces such as interior or exterior concrete, plywood or other approved floor surfaces, prior to installation of resilient flooring.

AREA OF APPLICATION:

- Suitable as an underlayment for:
- Carpet
- Wood and parquet flooring
- Luxury vinyl tile / planks (LVT/LVP)
- Vinyl composition flooring (VCT)
- Sheet vinyl and rubber flooring
- Laminated flooring
- Ceramic, mosaic, quarry or cement body tile
- Impervious porcelain and glass tile
- Cement-based precast terrazzo
- Natural stone tile
- Terrazzo

TECHNICAL SPECIFICATIONS:

Properties	Test Results
Appearance	Grey powder
Mixed Density	1.8 - 2.1 kg / litre
Mixing Ratio (Grout: Water)	100:20
Pot life @ 30°C	Min. 30 minutes
Sag Resistance	No-sag
Application Temperature	From +10°C to +35°C
Curing time or Floor installation	Min 3 days
Application Thickness	3mm-25mm
Performance Properties	
Compressive Strength after 7 days	≥ 50 N/mm ²
Tensile Strength after 28 days	> 3.5 N/mm ²
Flexural Strength after 28 days	>10 N/mm ²
Pull-off bond Strength at 28 days	≥ 20 N/mm ²

NeoSeal Adhesive Pvt. Ltd.

628/7, GIDC Savli, At. Manjusar, Vadodara – 391775, Gujarat, INDIA.
Email: info@neoseal.net, Ph: +91-90999 73544; www.neoseal.net



FEATURES & BENEFITS:

- Single component cement-based system
- Seamless floor having thickness from 5mm up to 40 mm
- Self-levelling consistency and easy to apply
- Exhibits excellent adhesion to substrates
- High early strength for early turnaround
- Suitable on wide range of substrates such as wood, concrete, mortar and steel
- Low VOC - For healthy living

METHOD OF APPLICATION:

1. Surface Preparation:

- The substrate shall be thoroughly clean, free from dust, oil, loose material, surface contamination and materials which reduce bond or prevent suction or wetting by the grout.
- Delaminated, weak, damaged and deteriorated concrete and necessary sound concrete shall be removed by suitable means.
- The concrete “pull off” tensile strength should be ≥ 1.0 MPa.
- The concrete substrates should be pre-soaked with clean water continuously for 2–6 hours to ensure a saturated surface dry condition throughout the operation.

2. Priming:

- For porous cement, prime with NEO Concrete Primer to ensure good adhesion and reduce air release from substrate, which causes bubbling of the underlayment. Very absorbent concrete may require a second coat of Primer.
- It is recommended to firstly pour some primer in a section then spread the primer using a broom, brush or roller. Then continue this method of application until the entire area is primed.

3. Mixing:

- Take water in to the clean container/pail.
- Add self levelling compound slowly and mix thoroughly by hand or with a slow speed mixer (<500 RPM) until slump free smooth paste is obtained.
- Avoid entraining air by mixing at very high speed or by over-mixing.
- Mix only full bags for best results.
- Immediately apply the mixed compound onto the working area. Use the paste within 15 minutes from mixing.
- For flowable mixer – Use 4.5 – 5 liters water for 25 Kg bag of compound

NeoSeal Adhesive Pvt. Ltd.

628/7, GIDC Savli, At. Manjusar, Vadodara – 391775, Gujarat, INDIA.
Email: info@neoseal.net, Ph: +91-90999 73544; www.neoseal.net



4. Application:

- Pour the mixed material onto the prepared substrate to a thickness between 3mm and 25mm using a smooth edge stainless steel trowel, smooth over the wet product to gain the desired thickness and smoothness.
- A pin level may be used to assist in gaining the required depth. Use a spiked roller to remove any trapped air and flow lines, to give a uniform surface appearance.

Note: Protected from strong sunlight and through draughts as this can dehydrate the product resulting in incorrect curing.

5. Cleaning & Finishing:

Tools and containers may be cleaned using water before the material is hardened. The hardened material can be removed from tools mechanically.

PACKAGING SIZE:

25 Kg HDPE bag

SHELF LIFE AND STORAGE:

6 months from the date of manufacturing in unopened condition when in sealed pack and stored under proper condition. Store in a cool & dry place.

HEALTH & SAFETY PRECASUTIONS:

Wear suitable protective clothing, gloves and eye protection equipment during mixing and application. In case of contact with skin, rinse with plenty of water. In case of contact with eyes, immediately rinse with plenty of clean water. Seek medical advice, if needed. Keep out of reach of children.

WARRANTY:

The above information given based on our knowledge and performance of the material in order to help you in good faith. Every precaution is taken in the manufacturing of the product and our responsibility is limited to the quality of supplies. We guarantee the consistent high quality of our product; however, as we have no control over the site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

NeoSeal Adhesive Pvt. Ltd.

628/7, GIDC Savli, At. Manjusar, Vadodara – 391775, Gujarat, INDIA.
Email: info@neoseal.net, Ph: +91-90999 73544; www.neoseal.net