

TERRAZZO FLOORING

STAMPED CONCRETE

PU PARKING DECK SYSTEM

EPOXY SELF-LEVELING FLOORING

PU WALL COATING

CONCRETE RESURFACING

SELF-LEVELING UNDERLAY

SPORTS FLOORING



TECHNOLOGIES PVT. LTD.

Let your **flair**
reflect on our
floor



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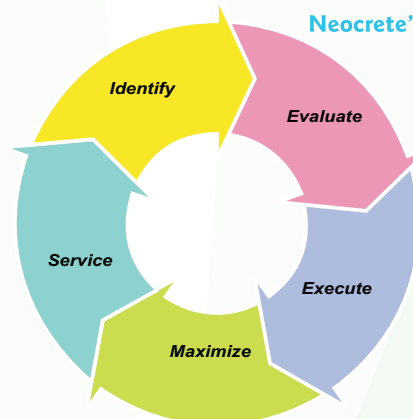
About Neocrete

Established in 2006, Neocrete Technologies Pvt. Ltd. has been at the forefront of technological innovation in the field of in-situ floorings. Their technical prowess along with a single minded determination to satisfy customer requirements has served them well in the industry.

Neocrete has built up an impressive customer portfolio including MNCs such as Coca Cola, Nestle and Wockhardt. With their near obsessive emphasis on quality as opposed to quantity, their accent on continuous product and process improvement, unflinching passion and pride in their product and services Neocrete has earned the trust and respect of a multitude of industrial clients and consultants.

Neocrete manufactures products used for protection, restoration and renovation of concrete and steel surfaces. Their products are based on epoxy, polyurethane and acrylic polymers and designed exclusively for protection of surfaces against physical, mechanical, chemical and biological damage

Neocrete's value chain



Neocrete offers three-dimensional service to the customers



Neocrete's product portfolio covers broadly the following product groups:



Decorative Epoxy terrazzo for Lobbies, museums, prayer halls, libraries, airports, multiplexes, malls and alike.



Decorative stamped concrete for landscapes, walk-ways, swimming pools, patios, roof-gardens, podiums, ramps.



PU parking Deck floorings for multi-storey parking decks, both open and covered parking lots in malls and multiplexes, residential as well as commercial complexes.



Epoxy/PU industrial dust-free, hygiene floorings for pharmaceuticals, hospitals, health-care centres, food-processing plants.



Epoxy/PU industrial dust-free, chemical resistant, seamless floorings for automobiles, auto-ancillaries, engineering industries, textiles, electrical and electronic assembly plants.



PU hygiene anti-carbonation wall coatings for pharmaceuticals, hospitals, health-care centres, food-processing plants, residential & commercial structures.



Polymer fortified cementitious self-levelling underlay for vinyl, carpet, epoxy and various other floor toppings.

DECORATIVE Interior Floorings

Neoflor Ultra Terrazzo

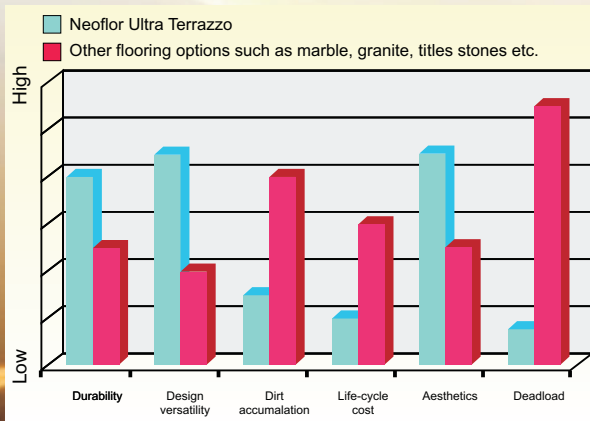
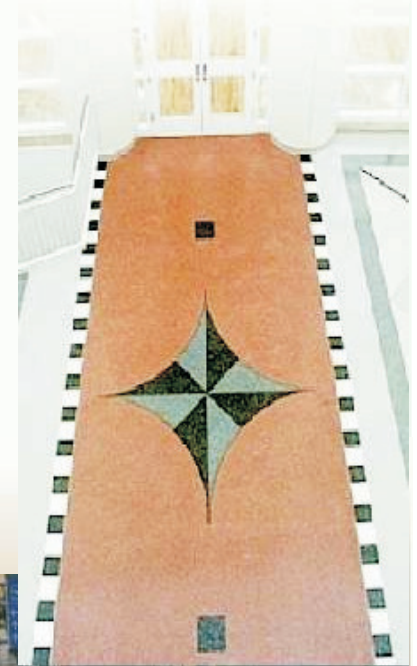
The concept of Terrazzo introduced historically in the Middle East thousand years ago have been in vogue for many centuries in many countries including India. They have been designed and redesigned, modified, innovated over the years and thus resemble the modern cement terrazzo floorings of the present. Neocrete Technologies, with a penchant for introducing durable and innovative flooring concepts to India, introduced Epoxy Terrazzo floorings for the first time.



Neocrete's Ultra Terrazzo offers a unique canvas for the designers to bring their innovative ideas into the realms of reality. The ability of epoxy binder to accept a variety of fillers such as marble, granite, coloured glass, natural stones and even mother of pearls into the matrix as well as the availability of multitude of colours offer an unlimited option of designing your floor a work of art-different patterns, colours and motifs –all under your feet.

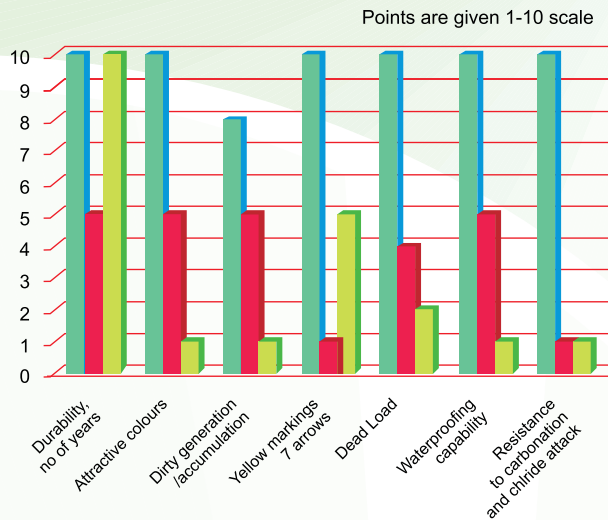
Neocrete's Ultra Terrazzo, other than offering a fodder for your creativity, also offers unlimited advantages over various other flooring substitutes such as marbles, tiles, stones, vinyl etc. Neoflor Ultra Terrazzo offers exceptionally high sustainability and durability with a minimum life-span of 20 years. With its very low replacement and maintenance costs, Neoflor Ultra Terrazzo has the lowest life-cycle cost in comparison with other flooring options. Epoxy terrazzo are generally free of conventional joints and thus offering a complete protection against bacterial and microbial attack.

Neocrete's Ultra Terrazzo has an impermeable surface free of porosity. This results in not only a stain-resistant surface, preventing penetration of any liquid spillages, but also makes it easier to clean and maintain. Use of harsh detergents and cleaning agents becomes redundant and what's more- No more dust accumulation!!



Yellow 5-8mm Green 5-8mm Pink 5-8mm Red 5-8mm White 5-8mm

DECORATIVE Interior/Exterior Floorings



- Neoshield PU parking deck system
- Cement Tiles
- Concrete surface

Neoshield PU parking system

In recent times, multi-storey parking decks have become more a norm rather than exception in metro cities of India. With space becoming a rare commodity, multi-storey parking lots is becoming a necessity and not a luxury. As unprotected parking decks are exposed to carbonation, chloride attack, penetration of oil, grease etc and can lead to corrosion of rebars and even collapse of structures, innovative solutions are needed to protect them as well as enhance the appearance and functionality.

Neocrete's Neoshield PU system is designed to produce the best performance under exacting conditions prevailing in parking lots. The floor undergoes a variety of stresses like high-speed brakings, turning torques, oil spillages, chemical attack from emission of Carbon-dioxide, water seepages arising out of washing cars as well as rain, physical stresses arising out of heavy and shifting loads of moving vehicles etc. Neoshield PU system is laid to provide an anti-skid surface to counter frictional forces of braking, is impermeable to prevent entry of fluids, is chemical resistant to withstand CO₂ and chlorides, has excellent elongation that acts as water-proofing membrane and has an excellent abrasion resistance to withstand moving vehicles.

Consider various substitutes for parking deck protection and it can be found that Neoshield PU parking deck system is far superior to those alternatives (See figure below)



DECORATIVE Exterior Floorings

New Concrete

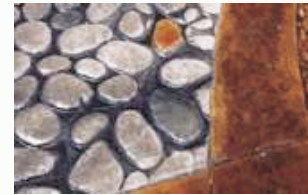
Neoflor Ultra Stampfloor

Neocrete's Ultra Stampfloor is simple, but unique way of achieving a great-looking floor at the time of laying fresh concrete substrate. Today, stamped concrete floor is becoming popular with the architects and interior designers for restaurants, malls, drive-ways, patios, swimming pool-decks, garden pathways, parking lots etc because of its sheer simplicity as well as durability. Gone are the days of drab-looking paver-blocks..... enters the trendy stamped concrete with their limitless array of designs, colours, patterns & textures.

Neoflor Ultra Stampfloor brings life to a traditional cement concrete by addition of Neoflor Ultra stamp powder, patterns and textures stamped onto the green concrete with Neoflor stamping mats and sealed with Neoflor Sealer to provide an unmatched quality to the floor. Colours and patterns can be decided by you to suit your individual tastes that blends seamlessly with your home, be it slate, stone, brick cobblestone or wood patterns that add beauty and elegance, creative but economic, durable but functional, aesthetic and alluring. What's more Neoflor Ultra Stampfloor is eco-friendly.



Few sample designs



DECORATIVE Interior/Exterior Floorings



Old Concrete

While typically stamped concrete is done only on fresh concrete, Neocrete Technologies have developed a coloured concrete resurfacing system to create the same exciting patterns and designs over an existing old concrete. With its in-house development of **Neoflor D'cor 100**, stamp patterns can be created over existing concrete to improve and enhance the appearance of old, worn-out concrete floor and convert it to a work of art.

Neoflor D'cor 100 offers:

- Easy application with a ready-to-use powder that needs addition of only water
- Ability to be directly laid over old, worn-out and damaged floors after proper surface preparation
- Excellent dense surface with very high abrasion resistance.
- Eliminating the need to dig-out the old concrete and re-laying.
- Attractive shades and that can be stamped to give variety of patterns and design

Neoflor D'cor 100 with stamping can be done over existing concrete to improve the outlook for the following areas:

- Drive-ways and porticos of 5-star hotels
- Swimming pools, patios
- Walk-ways in gardens and landscaping
- Farm-houses, resorts, beach-houses
- Podiums and outer-areas of multi-storey buildings

The major advantages of **Neoflor D'cor 100** are as follows:

- Ready-to-use powder and needs only addition of water.
- Can be directly laid over old, worn-out and damaged floors after proper surface preparation.
- Can also be used over the newly laid floor as wet-on-wet topping.
- Excellent dense surface with very high abrasion resistance.
- **Eliminates the need to dig-out the old concrete and re-laying.**
- **Pigmented to a few selected shades and stamped to give variety of patterns and designs.**



Neoflor coloured concrete Flooring System

Neoflex Spectra

Neoflex Spectra is a uniquely formulated coloured dry shake/topping powder to impart exquisite and durable hard flooring surface. Coupled with Neoflor DH, liquid hardening and sealing agent, it becomes an economical substitute to the expensive epoxy floorings and coatings. Recommended for both interior and exterior use, it also affords easy application and provides non-rusting characteristics. Neoflex Spectra can be used both for newly cast as well as old damaged concrete floors.

Neoflor spectra finds many applications including warehouses, loading docks and high traffic aisle-ways, food processing & electronics industries, breweries, dairies, automobile plants and engineering industries, showrooms and service centers.

FEATURES & BENEFITS

- Hardens and densifies concrete in one economical operation. Wear resistant-use of hard and properly graded aggregates increases the wear resistant over plain concrete floors.
- Can be used in conjunction with vacuum de-watered concrete at about 5 kg/m² spread rate.
- Non-rusting materials along with UV resistant colours make it possible to use Neoflex Spectra outdoors as well as indoors.
- Coupled with Neoflor DH, it provides most aesthetic and durable floor surface.



INDUSTRIAL Interior Floorings



Neoflor VF Epoxy seamless flooring system

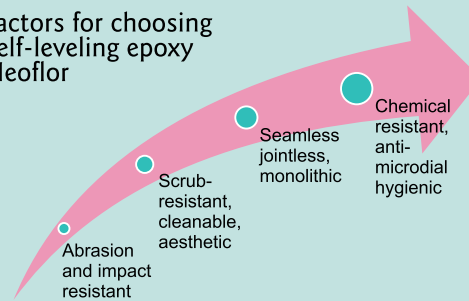
While the requirement of a seamless, joint-less, monolithic, dust-proof flooring system is a necessity for many industries such as pharmaceuticals, food-processing, hospitals, bio-tech plants, dairies and health-care centres, it is preferable for many other industries such as automobiles and auto-ancillaries, electrical and electronic assembly plants, textiles, aerospace, chemical plants, light and heavy engineering and even education and retail environments. **Neoflor VF** provides all these and much more.

Neoflor VF gives a mirror-finish gloss that is unmatched in the industry. The gloss of self-leveling epoxy reflects the quality of cyclo-aliphatic amine hardener and quality of additives used in the formulation, higher the gloss higher the chemical resistance, higher anti-microbial capability and easy maintainability. The ability of **Neoflor VF** to maintain the gloss for a longer service life makes it a preferable system for healthcare industry.

Anti-microbial characteristics of **Neoflor VF** surpass other similar flooring system used in the industry due to incorporation of new-generation anti-microbial additive in its formulation, which inhibits the growth of micro-organisms. It controls mildew, dust mites, mould, fungi, algae, yeasts and bacteria.



Factors for choosing self-leveling epoxy Neoflor



Neotuffcoat Coating Series

Polyurethane hygiene wall coatings Neotuffcoat PUW

Neotuffcoat PUW is an water-based, aliphatic polyurethane single component, hygiene wall coating designed for the long term protection of interior wall surfaces in pharmaceuticals, hospitals, food processing plants, beverage plants, bio-tech plants and laboratories etc. PUW is uniquely formulated to provide bacterial and chemical resistance with exceptional scrub resistance. Its easy cleanability and maintenance-free durability makes Neotuffcoat PUW one of the best in the industry.

Neotuffcoat PUW is ideally suited for Hospitals, Pharmaceuticals including formulations, bulk drugs and clean rooms, Operation theatres, Bio-tech plants, Dairies, Food processing plants etc.

Neotuffcoat PUW is superior to many other coatings of its genre due to its excellent bond to concrete, very good resistance to chemicals including acids and alkalis, excellent scrub resistance to ant-septic cleaning fluids, anti-fungal, anti-bacterial, extremely high durability, easy cleanability, availability in **attractive pastel shades V.O.C compliance and its application ease.**



Industrial High-Performance epoxy coating Neotuffcoat HBS

- 2K epoxy structural epoxy coating

Neotuffcoat HBS is an cyclo-aliphatic amine cured, epoxy two-component coating, designed for the long term protection of steel surfaces. Neotuffcoat HBS is uniquely formulated with epoxy resin of water-white clarity with special flexibilizers and additives to produce an outstanding coating with excellent elongation and flexibility to accommodate thermal movements of base surfaces.

Neotuffcoat HBS has the following special characteristics:

- Improved resistance to chlorine.
- Better adhesion and flexibility.
- High chemical resistance.
- Weather resistance.
- Improved performance over manually prepared concrete surfaces.

Neotuffcoat HBS is ideally suited for bulk storage tanks, metal structures interior & exterior, highly effective protective coating for offshore & marine structures, concrete surfaces splashed with sea water, tank linings for storage of petroleum products etc.



Self-smoothing Cementitious Underlay

Neoflor 3010 is a free flowing, self leveling material, specially designed for easy application over concrete floors as an underlayment. It is suitable for use as repair-cum-leveling course and may be applied at thickness from 2 to 10 mm. Neoflor 3010 is a part system requiring only the addition of water for mixing.

Neoflor 3010 may be applied over any interior sound concrete sub-surface, undulated surfaces and repair of old, worm concrete before laying ceramic tiles, marble, granite, vinyl etc. It is ideally suited for Pharmaceuticals, hospital and other healthcare centres, electronic assembly areas, control rooms, server rooms, utility areas, hostels and other hospitality industries etc.

Neoflor 3010 scores over many other floor re-surfacing in:

- Being a single-component system requiring only addition of water thus making it easier for transportation, storage, mixing and error-free application.
- Resulting in a compressive strength of around 400 kg/sq. cm (double that of normal concrete).
- Excellent flowability to provide a smooth, flat & leveled floors
- High early strength for fast turn around.
- Excellent bond strength with many substrate.
- Suitable for wet area application.



Sports Flooring Systems

Neoflor 4010 is a free flowing, self leveling material, specially designed for easy application over concrete floors as a stand-alone topping. It is suitable for use as repair-cum-leveling course and may be applied at thickness from 2 to 10 mm. Neoflor 4010 is a part system requiring only the addition of water for mixing.

Neoflor 4010 may be applied over any interior or exterior sound concrete sub-surface, undulated surfaces and repair of old, worm concrete to provide a monolithic, smooth surface. Neoflor 4010 can also be pigmented to provide a coloured aesthetic, maintenance-free flooring surface. Neoflor 4010 is ideally suited for tennis and badminton courts, museums, multiplexes etc.

Neoflor 4010 is superior to many other floor re-surfacing in

- Being a single-component system requiring only addition of water thus making it easier for transportation, storage, mixing and error-free application.
- Resulting in a compressive strength of around 400 kg/sq. cm (double that of normal concrete).
- Excellent flowability to provide a smooth, flat & leveled floors
- High early strength for fast turn around.
- Excellent bond strength with many substrate.
- Suitable for wet area application.



CASE STUDIES



Parking Deck Flooring System

One of the most prestigious towers coming up in Tardeo, Mumbai is one of the tallest residential tower in the country. Neocrete Technologies Pvt Ltd prides itself to have been associated with this project in execution of Flooring of their podium car parking spanning a total area of over 3 lakh square feet.



Neocrete Technologies Pvt Ltd, are pioneering the concept of Polyurethane coatings in India and are obviously the first choice to carry out the task of execution of Parking Deck flooring. The idea is to provide a world-class parking deck system simultaneously providing an abrasion resistant, noise-reducing and elastomeric concrete-protection system.

Execution of such a vast area was by no means easy as the podium was distributed in nine floors. Many agencies were working simultaneously including execution of utilities, fire-services etc. The existing concrete floor was to be levelled with 20-40 mm leveling screed, provision of control joints, maintaining proper slope for drainage etc were all handled completely to client's satisfaction.

Anti-carbonation PU Coatings

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- c) Excellent flowability to provide a smooth, flat & leveled floors.
- d) High early strength for fast turn around.
- e) Excellent bond strength with many substrate.
- f) Suitable for wet area application.



Stamped Concrete

A MNC in food processing have their plant in the picturesque town of Usgaon, 15 Km from Ponda, Goa. They wanted to pave the pathway leading from the factory gate to the admin office at the same time covering the drain. They had the option of laying bare concrete, inter-locking tiles or cement tiles. But their consultants decided to go in for the most unique option of stamped concrete.



Neocrete Technologies Pvt Ltd, are pioneering the concept of stamped concrete in India and are obviously the first choice to carry out the task of execution of stamped concrete over the drain, which includes 75mm RCC followed by terracota coloured concrete with stamping. Terracota colour was chosen by the consultants so that it merges with various red tiles used in the admin building. Obviously, the result was breath-taking.

The choice of stamping mats, after studying various designs, was finally made on Ashlar stone, which gave the look of stone with accentuating effect.

Neoflor Ultra stamp floor has the following superior features. Multiple colours, Versatile designs, Inherent part of concrete floors with no joints, Durable and aesthetic, Abrasion resistant, Faster turn-around time.

- The job was completed in spite of multitude of challenges and the result was there for all to see.

Tennis Court

A leading builder was developing a property on the picturesque in Goa and he wished to execute a hard concrete tennis court for the residents of the township. Neocrete was chosen after many rounds of discussion and was entrusted with the task of laying a court over existing concrete surface.

Existing concrete had lot of joints and cracks and was treated with low viscous epoxy resin. The surface was then mechanically prepared to develop a good surface profile. An acrylic primer was then applied over the prepared surface after which, Neoflor 4010 was poured and leveled.

The specification of tennis court was to obtain evenly spread hard surface to be coated with PU with red colour for playing area and green colour for other areas. Neocrete chose to have coloured Neoflor 4010 followed by a similar coloured PU coating to provide the most optimal surface.

The photographs show the sequence of operation.





NEOFLOL ULTRA TERRAZZO



NEOFLOL ULTRA STAMPFLOOR



NEOSHIELD PU SYSTEM



NEOFLOL VF



NEOTUFFCOAT PUW



NEOFLOL 3010



NEOFLOL 4010



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