



RESSICHEM
adding life and value to your property

Decorative Concrete

ریسیکیم
مضبوطی اور پائیداری کے لئے

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Who we are and what we do?

Ressichem was established in 1999, since its inception, we are proud to cater to the needs of the construction and many other industries offering quality products manufactured at our state-of-the-art plant sourced from the best in the world. Raw materials for our products are also sourced from quality suppliers worldwide. Ressichem takes pride presenting a variety of construction materials and systems which can cater to many needs of the construction industry.

They include:

- **Dry Mix Mortars / Premix Plasters**
- **Epoxy Floorings**
- **Building Care & Maintenance**
- **Epoxy Adhesives & Coatings**
- **Tiling & Grouting Materials**
- **Concrete & Mortar Admixtures**
- **Building Insulation**
- **Decorative Concrete**
- **Specialty Products**

Backed by a fully equipped laboratory at our own premises with a team of qualified engineers and chemists. Ressichem carries out regular tests to maintain quality of finished products for various construction & industrial applications. Vigorous onsite support & quality systems allow for maintaining the quality of our products, as well as solve construction and industrial problems. In our effort to maximize customer satisfaction, our technical personnel directly coordinate with customers to offer excellent services,

product selections & even troubleshoot problems where needed.

Operating on a customer first philosophy, Ressichem has carved its name in the ever-demanding needs of its industry, by offering world class services and fulfilling customer requirements via quality manufacturing and rigid quality control of products. We believe that the responsiveness and the priority we attach to the customer needs & their satisfaction has played a pivotal role in our phenomenal growth so far.



What is Decorative Concrete?

Decorative concrete, A world of possibilities

inexpensive and strong, concrete holds up houses, paves driveways, and keeps fences posts from tipping over. But beyond these utilitarian roles, it also excels as a decorative material. Adding color, using special sand or gravel, and varying the surface finish change it looks in nearly limitless ways. You can pour concrete into forms, sculpt it almost as if it were clay and carve it after it is set but not hard. No wonder decorative concrete is showing up in more and more houses in the west in everything from counter tops and fireplace surrounds to tabletops and garden art.

Stamp Concrete

Stamped concrete is a unique way of installing concrete to create an atmosphere of beauty, elegance, class and charm to any location. It is possible to pour the concrete in the same traditional way, after which the concrete can be colored. Once the concrete has settled a bit it will be stamped with special stamps that have the desired pattern molded in it. There is a wide variety of patterns and colors available to fit your needs.

Stamped concrete has been used in many unique environments both interior and exterior. Stamped concrete is easy to clean and needs little maintenance. Many surfaces can be emulated including slate, stone, brick, cobbles, or even wooden planks but with the durability of concrete.

Stamped concrete involves pouring slab concrete for driveways, Walkways, patios, etc., and then impressing both patterns and textures onto the concrete before it is fully dry. Stamped concrete is concrete that is patterned and/or textured or embossed to resemble brick, slate, flagstone, stone, tile wood, and various other patterns and textures. Stamped concrete can be used for patios, sidewalks, driveways, pool decks, and interior flooring.



Why use Stamped Concrete?

Traditional paving systems such as natural stone, interlocking pavers and flagstones are subject to continuous problems. Ground movement, stains, weeds, and moss are some of the many problems that must be considered. The stamped concrete system eliminates many of the problems of traditional paving because stamped concrete is monolithic in structure and our products increase the abrasion resistance and seal the surface. Stamped concrete is timeless and will continue to look good for many years to come.

Express your personality with concrete

Combining colors, textures, shapes, and patterns can bring personal character to your structure. Using different color combinations and artistic flair you will be able to compliment any surrounding area, classic, modern, or contemporary. Stamped concrete has become the paving choice for people with creativity and high expectations.

Micro topping

Micro topping is a breathable coating that allows for the transmission of inherent moisture vapor in concrete without loosening or blistering. For a superior stain resistance and easy to clean properties. Micro topping is sealed with a diverse array of Ressichem protective sealers.

Micro topping is a thin-section, composition decorative coating system that gives the appearance of concrete but offers versatility, resiliency, and minimal maintenance. This extremely durable and cost-effective material has exceptional aesthetic appeal and physical diversity that enables it to be applied with a wide range of Ressichem integral colors, stains, sealers, and texture options that create both depth and dimension to each application.

Acid Staining

Acid staining is not a paint or a coating agent, rather, it is a coloring process involving a chemical reaction on a cementitious material. A solution made with water, acid and inorganic salts reacts minerals already present in the concrete, the result of this reaction is color. It works very well on new or old concrete and can provide impressive results over Micro topping as well as self-leveling products. Acid staining is a durable product if properly protected with sealer or Wax.

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Range of Insulation Products at Ressichem

Product	Description	Packaging
 <p>RESSI OVERLAY Cementitious floor topping for decorative concrete</p>	<p>Ressi Overlay is a single component (add water only) blend of white cement and special materials that forms a thin, concrete layer. Ressi Overlay is easy to install and forms a tough, durable topping that will withstand years of wear. When used on properly prepared surfaces, Ressi Overlay will permanently bond to concrete surfaces.</p>	<p>Ressi Overlay is packed in 50 KG bags.</p>
 <p>RESSI PIGMENTED HARDENER Color hardener for decorative concrete floors</p>	<p>Ressi Pigmented Hardener is a ready to use, streak free, dry shake, colored or concrete grey hardener for use on interior and exterior concrete flatwork. Ressi Pigmented Hardener has been specially formulated for ease of application and integration on to suitably prepared and freshly laid concrete slabs.</p>	<p>Ressi Pigmented Hardener is packed in 20 KG bags.</p>
 <p>RESSI POWDER RELEASE Color Release Agent for Decorative Concrete Floors</p>	<p>Ressi Powder Release is ready to use, streak free and powder formulated to be easily applied onto the surface of colored or plain concrete. Ressi Powder Release is a finely powdered material produced by a proprietary manufacturing and inter-grinding process. Ressi Powder Release are light and fast, blended with high-speed dispersing equipment, and are element resistant and free from any fillers or extenders. The coloring agents are lime-proof and have maximum resistance to the effects of sunlight (UV).</p>	<p>Ressi Powder Release is packed in 20 KG bags.</p>

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	<p>Ressi Chrome Seal is a clear, acrylic; solvent based sealing and curing membrane, specifically designed for curing, sealing, and protecting all types of decorative and standard concrete surfaces. The sealer can also be used to protect and bring back the beauty of existing decorative and plain concrete.</p>	<p>Ressi Chrome Seal is packaged in 1-liter, 5-liter, 10-liter, 15-liter, and 30-liter, containers.</p>
	<p>Ressi Liquid Release is a colorless liquid that forms a bond breaker between the Ressichem Imprinting tools during the texturing process. Ressi Liquid Release evaporates and leaves no residue behind. Ressi Liquid Release forms a bond breaker between stamping and imprinting molds and the chosen product to be textured.</p>	<p>Ressi Liquid Release is packaged in 1-liter, 5-liter, 10-liter, 15-liter, and 30-liter, containers.</p>
	<p>Ressi Verti Mix is a fully engineered system for vertical stamping and texturing. Blended from high quality silica aggregates, cements and dry co-polymers, Ressi Verti Mix is suitable for interior and exterior applications. Ressi Verti Mix works in combination with other Ressichem products to give natural textures.</p>	<p>Ressi Verti Mix is packaged in 20 KG bags.</p>
	<p>Ressi Acid Itch is a product composed of strong acid buffered by surfactants and anti-foaming. It attacks surfaces with the strength of the acid and removes dirt and grease with the power of a detergent. Applied to concrete, it is designed to open pores of the surface to allow any further processing of painting and floor protection. Its application on tile and clinker is designed to remove dirt and any concentration of lime. It can be used as a cleaner to prepare concrete surfaces that will be treated with Ressi Reactive Stains and appropriate sealers from the Ressichem range.</p>	<p>Ressi Acid Itch is Packaged in 1Ltr, 5Ltr, 10 Ltr, 15 Ltr, and 30 Ltr Packs.</p>

Range of Insulation Products at Ressichem

Product	Description	Packaging
	<p>Ressi Reactive Stains are a specially formulated blend of hydrochloric acids and metallic salts. The acid opens the capillaries of the concrete, allowing the metallic salts to react with the free lime deposits and therefore staining the hydrated lime imbedded in the concrete.</p>	<p>Ressi Reactive Stains are Packaged in 1 liter 5 liters, 10 liters, 15 liters and 30-liter Containers.</p>
	<p>Ressi Neutralizer is concentrated product used to balance the level of alkalinity of concrete, allowing an optimal level of 7-10 pH to be reached. It is normally applied during the washing process, before and after the use of Ressi Reactive Stains. The liquid formulation allows a quick and strong action to neutralize the acid residues.</p>	<p>Ressi Neutralizer is Packaged in 1 liter 5 liters, 10 liters, 15 liters and 30-liter Containers.</p>
	<p>Ressi Dura Coat is a new generation, water based, ultra-high gloss, metal cross-linked, concentrated, synthetic polymer floor polish. Its low molecular weight allows deep penetration providing a hard, high gloss, slip resistant finish that will not flake or peel.</p>	<p>Ressi Dura Coat is Packaged in 1 Ltr, 5 Ltr, 10 Ltr, 15 Ltr and 30 Ltr containers.</p>
	<p>Ressi Polymer is a concentrated, high solids latex bonding agent designed for use with Various cementitious Ressichem Decorative concrete products to increase their compressive strength and bond strength with the existing substrate. Ressi Polymer significantly increases the water resistance and natural strength of grouts in overlay systems and ensures adhesive bonds to existing concrete, masonry, wood or metal surfaces. Extremely flexible, it can be used as a bonding agent (primer) or mixed with cement and similar products. By mixing Ressi Polymer with cement paste, every water molecule is coated with a "film" which slows down evaporation thus enabling cement to get completely hydrated and for a longer period.</p>	<p>Ressi Polymer is Packaged in 1 Ltr, 5 Ltr, 10 Ltr, 15 Ltr and 30 Ltr containers.</p>

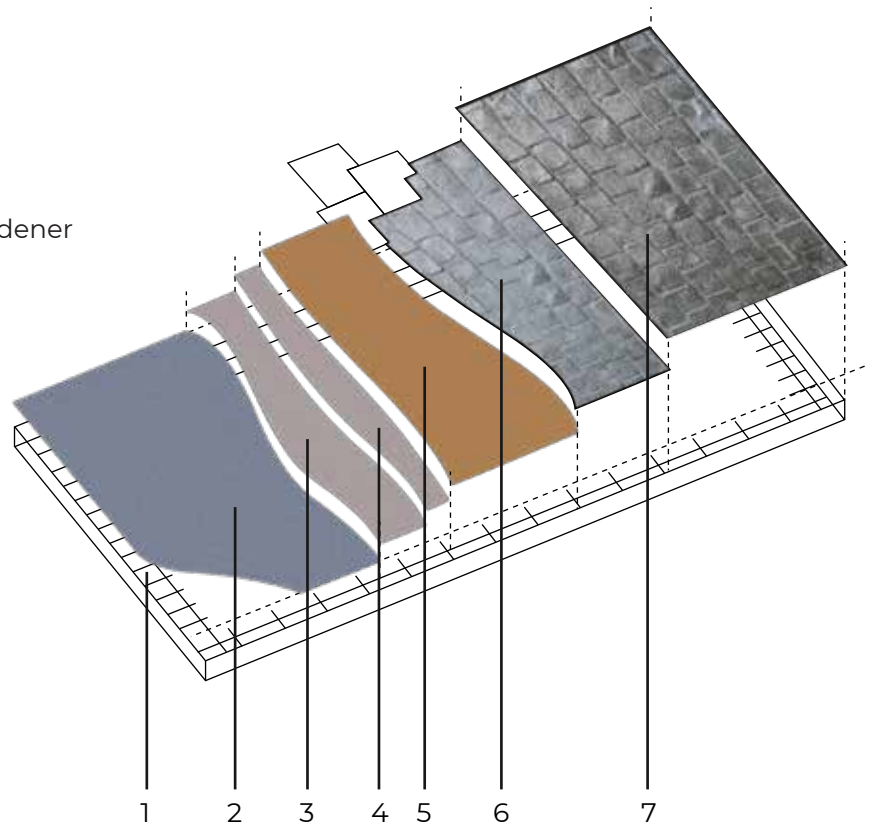
Range of Insulation Products at Ressichem

Product	Description	Packaging
	<p>Ressichem Micro-topping System is ideal for creating seamless surfaces over existing substrates (in concrete, sand-cement screed, ceramics, self-leveling surface) and for renovating old floors, both interior and exterior. Its practicality and great looks make it ideal for homes, shops, showrooms, restaurants, and hotels. Micro-topping is not only ideal for floors, but also for covering vertical surfaces such as plasterboard or masonry walls, staircases, bathtubs, or shower enclosures. Ressichem Micro-topping System is also a protective concrete coating protecting against freeze thaw and salt corrosion. Micro-top has high abrasion resistance, flexural and compressive properties that make it the perfect product for concrete renovations.</p>	<p>Ressichem Micro-topping System BC and TC are packed in bags of 20 KG.</p>
	<p>Terrazzo Retarder is a concrete surface retarder suitable for use on horizontal surfaces to produce decorative exposed aggregate finishes or profile surfaces for subsequent toppings, overlays or membranes. Terrazzo Retarder, applied to fresh, green concrete, retards the surface mortar set eliminating the needs for costly sandblasting or acid washing.</p>	<p>1 Ltr, 5 Ltr, 10 Ltr, 15 Ltr and 30 Ltr Packs.</p>

Systems for Stamped Concrete

Summary of application

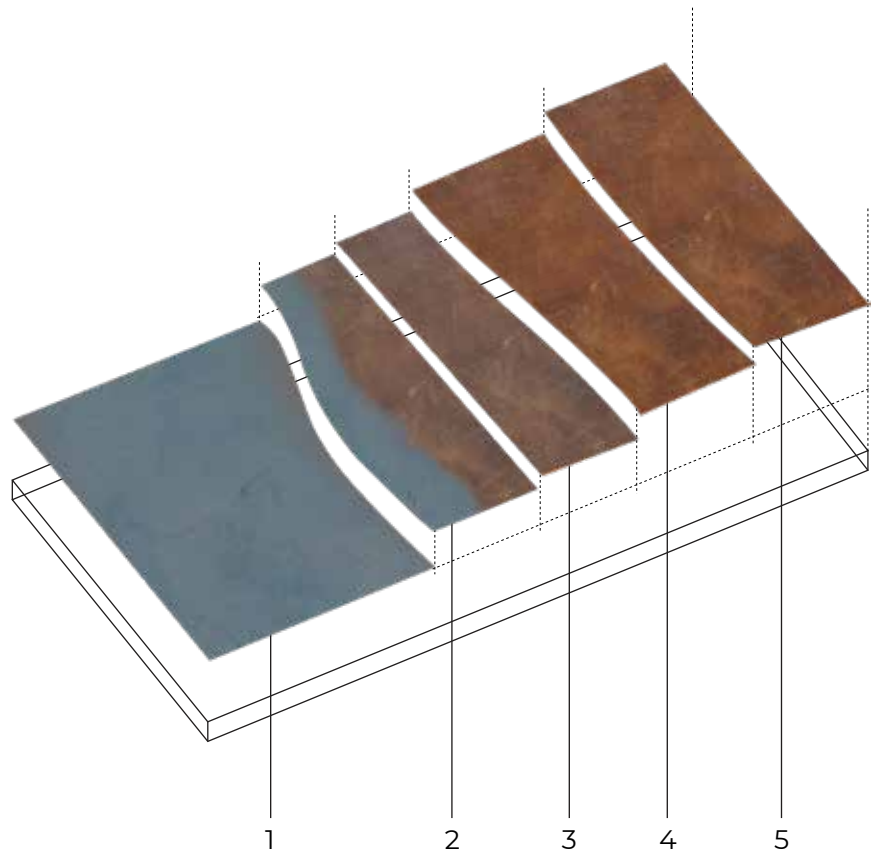
- 1: Surface preparation.
- 2: Concrete placing and levelling.
- 3: Application and incorporation of Color Hardener (**Ressi pigmented Hardener**).
- 4: Finishing and smoothing the surface.
- 5: Application of **Ressi powder release**.
- 6: Imprinting and finishing.
- 7: Washing of surface.



Systems for Acid Staining

Summary of application

- 1: Surface preparation.
- 2: Application of **Ressi Reactive Stains**.
- 3: Washing
- 4: Washing with **Ressi Neutralizer**.
- 5: Application of a Protective Sealer.





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