

REMOLL CONSTRUCTION CHEMICALS

WHY REMOLL DOUBLE COMPONENT SYSTEM?

NATURAL MOIST AGGREGATE, HIGH PERFORMANCE

Thanks to the natural sand that is not exposed to high heat, much more durable structures and healthy places.

Cement based building chemicals and plasters, consist of basically 3 components. Cement, chemical additives and aggregate (raw material) components are mixed in the production mixer in the factory and filled into one bag. The raw material must be completely dry so that it can be put in the same bag as the cement. (Moist material interacts with the cement, causing it to crumble.)

Aggregate and cement are placed in separate packages in Remoll dual component system.

There are 2 reasons for this. The first is that the natural aggregate from the washed screen system provides higher performance than the aggregate from the drying system. The laboratory work has been done better in terms of longevity and quality due to the natural moisture of the aggregate protecting its own essence and natural internal humidity. All remoll products are produced from washed natural pumice based sand. For this reason, adhesion strength, flexibility and workability are quite high compared to building chemicals produced with crushed sand or calcite.

Remoll building chemicals can be obtained both by economic benefit and by upgrading the double component packaging system instead of drying the material which is to be mixed with water again to be transported in the same sack with just cement.

WHY remoll DUAL COMPONENT SYSTEM?

ADVANTAGES UP TO 35% COST

Easy labor, low cost, quick yardage!



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The second advantage of a two-component system is cost. Product costs are reduced by saving the natural gas energy consumed for the drying of the natural aggregate from the screened wash system, in this way, higher performance products are provided to the users at more affordable prices. Thus, Remoll, the master of the materials, is proud to be the indispensable material of the masters.

Remoll invites all users to meet in quality.

Advantages:

- ✓ Provides much higher performance than the equivalent applications.
- ✓ Saves from Labor
- ✓ The nature of the aggregate is preserved.
- ✓ Provides Energy Saving.
- ✓ Provides Saving in Packaging.
- ✓ Provides decrease in cost in general terms
- ✓ Total Productivity increases.

DEFY THE YEARS WITH DOUBLE COMPONENT REMOLL PLASTERS

New generation Dual component Plaster that could be applied SINGLE LAYER

REMOLL CONSTRUCTION CHEMICALS has developed a new generation of "double-component" single-ply flooring that offers the most affordable square meter cost and the highest practice performance..

Monthly rigorous construction site tests showed that the new REMOLL dual component ready-to-use provides both unusual advantages to project owners and practitioners. According to the results of the construction site test, "REMOLL" gives the signals of a new era in the market of building plasters. This new product offers many advantages to its users. Thanks to our new concentrated and dual component formulation, our "Products", which are offered in 80 Lt bags, cover the same area as the 120 kg machine plasters, thus allowing 35% more REMOLL products to be transported when loaded at the same weight as the standard machine plaster. In addition to being applied with a plaster machine, mortar can be prepared with a normal plaster mortar machine and mixer. It can also be applied manually where the machine is not available..



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Defy The Years With Double Component Remoll Plasters 50 % more yardage comparing to machine Plasters

According to the construction site tests, the craftsmen can apply at least 50% more in the same time period than the standard machine,

thus masters are less tired when covering more space in less time and thus increasing their daily business capacities and profits. The positive effect on the smooth surface and the worker's performance also allows the work to be completed in a shorter time. When used in the same amount, it means 35% more area coverage and therefore less baggage to be transported to the sites. Moreover, it facilitates the cleaning of the machine and our craftsmen provide a longer working time. Thanks to its close-in feature on the surface, it gives a smoother surface and makes the satin application easier. REMOLL offers a new understanding of expanding the boundaries of today's machines with new Dual-component ready-to-use plastics, which take up more space than standard machine plants, are easier to transport, and have the advantages of workmanship, transport and ease of application. Due to the fact that it is pumice based, it contributes to the thermal insulation in the places and allows the application of coarse + fine plaster in all at once on all surfaces such as brick, gas concrete, pumice block, briquette, gross concrete etc.

Lower costs

High performance

Easy Workmanship

DOUBLE COMPONENT REMOLL PLASTERS

INSULATED PLASTER SYSTEMS WHICH DON'T FREEZE IN WINTER, DON'T BURN AND CRACK IN SUMMER.

Remoll ready plaster can be applied with the ano laths instead of traditional method of rough plaster application with mortar. This also benefits from time and labor. Since the socket can be processed for a long time, no filling or repair marks are left in the ano places. In the application of traditional plaster, 2 layers of application can obtain a smooth surface, whereas Remoll ready plots can be applied up to 8 cm thickness in one layer application. Remoll ready plaster combines the unique raw material mix, non-burning, cracking, spillage and high strength properties. Remoll ready plaster can be applied with plaster and plaster machine in every brand



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and type available. In the present application, one coat of coarse plaster, one coarse coarse plaster, one coarse plaster, and satin plaster as the last coat are applied on the wall. The process that is done in 4 times for the same wall can be completed in 2 times with the solution we have developed and it is possible to get an advantage of up to 50% in workmanship and materials.

FORGET ALL YOU KNOW!

NEITHER GYPSUM PLASTER NOR ROUGHCAST!

SOLUTION TO ALL YOUR PROBLEMS,

NEW GENERATION REMOLL READY PLASTER!

LESSENS YOUR BURDEN, INCREASES YOUR PROFIT!

Saves from labor, load for building, time and expenses.

Remoll ready plasters are products developed on the basis of years of research efforts to solve the problems experienced both in gypsum plaster and cement based plaster. Since sufficient strength cannot be provided in the gypsum plaster, In buildings with heavy traffic such as schools and hospitals, the cost of building maintenance increases. Due to the influence of water and moisture, there are problems such as blistering, spillage, mold and fungi. In applications such as wallpaper, paint, gypsum plaster must be strengthened with primer materials since it cannot give sufficient solid surface. Because of gypsum acidic property, metal profile should not come into contact with the reinforcement, causing corrosion. Apart from all these, gypsum plaster cannot be applied to exterior facades and therefore cement based products are used..

In known cement based plasters, the ground is not obtained with sufficient fineness and smoothness. And because of the rapid loss of water in hot weather, it is burning and is suffering from loss of strength. Remoll ready plaster is able to achieve satin (smooth surface) with cement based material. As with other cementations materials, there is no need for subsequent irrigation, no burning or cracking. There is no need for sanding to obtain a smooth surface. Because it is pumice based, it can be processed for up to 4 hours, can be corrected, and can be repaired without leaving any marks, at an average temperature of 25 degrees, by diluting it with a brush. Because it is produced with porous material, heat supports sound insulation. The surface can be obtained with steel trowel, sponge, trowel and roller.

While the weight of the other aggregates is 1600 - 1800 kg / m³, pumice aggregate mix gives 900 kg / m³ of raw material less load. With an average calculation, 2 kg thick plaster application removes 15 kg in m². This means a reduction in the load of 300 tons of building in a construction with 20.000 m² plaster figure.



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THERMAL INSULATION SYSTEMS

TEAM WORK ALWAYS WINS

REMOLL HEAT INSULATION SYSTEMS components are produced from pumice show high resistance to heat, sound and fire resistance compared to their competitors.

The pumice, which we have quite rich reserves in our country, has important features such as heat resistance, sound absorption and resistance against fire, which are required from the materials used in today's modern structures. The pumice is the main raw material of insulation plots due to its porous structure, lightness, high insulation effects, extraordinary resistance to atmospheric conditions and high fire resistance. When viewed in this context, Remoll pumice-based insulation plasters are building materials that are produced from washed and screened natural pumice aggregates, which provide high thermal insulation in the applied structures while allowing the building to breathe thanks to its porous structure. Remoll insulation plaster is a healthy new generation product that improves acoustic comfort, balances ambient humidity, removes food cigarette smells or dampness.

To enhance heat isolation efficiency on the road, Remoll offers packaged solutions. The first of these is the use of KIB G - 196 pumice blocks and RML ST 12 C REMOLL İZOMIX insulation pools with very low thermal conductivity coats. In this system, the wall block produced from the pumice, the mesh mortar produced from the pumice and the insulation plaster produced from the pumice operate as a complete set. Since heat bridges do not occur, they are the same materials, so the final wall behaves like a single material. Because they have the same expansion coefficient, they show the same behavior against temperature and coolness.

Remoll Thermal Insulation Sheets and Accessories

The second system produced by Remoll thermal insulation systems is a solution made by thermal insulation plates known as mantle. Remoll serves as a package to its users. In addition to the insulation boards that are made of stone, EPS and XPS, Remoll provides the user with a package of auxiliary elements such as insulation sheet adhesive, paint, decorative coating, mesh, dowel and corner studs.



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REMOLL DOUBLE COMPONENT ADHESIVES CHALLENGING ADHESIVES TO HARD CONDITIONS

Remoll provides better performance than single component products in the category of double component adhesives.

REMOLL Double component adhesives are products produced to offer users higher quality and more reasonable prices. Adhesives produced in this system provide superior product performance compared to single component products in the same class. For this reason washed natural pumice based aggregates can be preserved in separate packaging by packing the cement and additives in separate package. The drying process to put the aggregate in the same package as the cement alone leads to the loss of the gypsum so that the adhesion force is reduced. REMOLL In the two component system, the cost of drying with natural gas is saved while maintaining the adhesion strength of raw material itself, time, labor, workability, strength and insulation values are also gained.

While performing 40 % more yardage comparing to equivalents it is 50 % more economic.

REMOLL BUILDING CHEMICALS WHAT YOU ARE LOOKING FOR... EVEN IN VERY HOT OR COLD AREAS

It could be applied for each conditions from a to izzard

REMOLL double component adhesives, one bag of cement and additive and one bag of special remoll sand are mixed with water and ready for use. According to laboratory studies, all remoll products with two components give results in flex adhesives class. Thanks to its unique pumice based special raw material mixture, both lightness and heat provide sound and fire support. As the load coming from the buildings decreases, it gives an advantage in earthquake resistance. Since the process time of the mortar is long, problems such as burning and spillage do not occur, and it provides high performance in wet environments such as pool ceramic and provides easy application. It can be used without problems in marble, granite and similar applications requiring high strength. It performs 40% more meters than the counterparts in the same kilogram, while it is 50% more economical in price..



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REMOLL DOUBLE COMPONENT MORTARS BRAIDS WHICH DON'T FORM HEAT BRIDGE

With Remoll double component mesh mortars produced from pumice, one of the indispensable raw materials of heat insulation, heat bridges are not formed in any kind of energy leakage is prevented.

REMOLL Dual component mortars are products manufactured to offer higher quality and better price to users. The mortars produced in this system provide an upper class performance compared to single component products in the same class. For this reason washed natural pumice based aggregates can be preserved in separate packaging by packing the cement and additives in separate package. The drying process to put the aggregate in the same package as the cement alone leads to the loss of the juice and thus the adhesion force. REMOLL In the two component system, the cost of drying with natural gas is saved while maintaining the adhesion strength of raw material itself, time, labor, workability, strength and insulation values are also gained..

REMOLL, which is highly demanded as a construction site product, is ready to use by mixing 2 component mortars, 1 bag cement and additive and 2 sacks of special remoll sand with water. According to laboratory studies, all remoll products with two components give results in flex adhesives class. Thanks to its unique blend of pumice based special raw materials, both lightness and heat provide sound and fire support. As the load coming from the buildings decreases, it gives an advantage in earthquake resistance. Since the duration of the waste can be long, problems such as burning, spillage, etc. do not occur. It performs 40% more meters than the counterparts in the same kilogram, while it is 50% more economical in price.



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REMOLL TECHNICAL PRODUCTS

THERE MAY NOT LEAVE ANY DETAIL WHICH WAS NOT SOLVED

REMOLL technical products are special products developed to improve the life comfort of users. High-performance products have been obtained as a result of a long-term research and meticulously prepared prescriptions. These products are technical products produced as waterproofing mortars, conversion primers, gypsum concrete mortar, gypsum concrete primer, concrete curing and surface hardeners, adhesives, mortars. Products produced from a special silica-based raw material are highly resistant to atmospheric conditions and have a long service life.

Remoll water insulation mortars are used in all wet areas such as kitchens, bathrooms, terraces, balconies, etc. before laying ceramic or veneer. After drying, a protective layer such as ceramic or plaster should be applied. It has an elastic structure thanks to the polymers in its composition. Remoll concrete primer and conversion primer makes it easy to hold thanks to the special silicate-based raw material contained and high adherence. With Remoll grout mortars and surface hardeners, long-lasting and robust surfaces are obtained in structural mortar.

Pumice and silica based materials



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