

Cement Based Concrete Repair Mortar Formulations And Production Process

CEMENT BASED

CONCRETE

REPAIR MORTAR

FORMULATIONS

AND

PRODUCTION PROCESS

Cement Based Concrete Repair Mortar Formulations And Production Process

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E - Book

ISBN 13: 978-625-97582-8-2

ISBN 10: 6259758286

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WHAT IS PRODUCTION PROCESS

Production is the name given to the process of obtaining a good or service by passing certain resources through various processes. In addition, the word production can be defined as efforts to increase the benefits or quantities of goods or services that emerge to meet human needs. In other words, production can be called activities that will increase the ability of benefit. In addition, in a narrower expression, it is a good or service obtained by exerting effort with thought or physical strength.

Production is the process of transforming raw materials into final products using labor, tools, machinery, capital and chemical processes. Production output can be consumer goods or industrial goods. As the name suggests, consumer goods are purchased by the average customer for their own needs. Industrial goods, on the other hand, are sold to manufacturers and used in the production of other goods. The purpose of any production process is not only to create a finished product, but also to do so as efficiently as possible.

Production in industrial chemistry is chemical products that are formulated and produced by conducting R&D studies so that production does not fail during and after the production phase of the industry. The chemicals needed by industrial chemistry are divided into two as organic chemicals and inorganic chemicals. Industrial Chemicals are products produced from mixtures of appropriate chemical substances in the right amount by conducting R&D studies in line with the needs of the industrial chemical industry. While the science of chemistry offers innovation and difference in many areas of our lives, it is necessary to produce the chemical products needed for the continuity of production in the industry. This is where the Industrialized version of Chemistry Science, namely Industrial Chemistry, comes into play. Industrial Chemistry aims to transform many chemical substances into chemicals that can work at the desired level by dissolving, mixing, heating, reacting and interacting with suitable formulations under the light of Chemistry science.

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HOW TO MAKE

CAR WASH PRODUCTS

The production of [Concrete repair mortar](#) is not very complex. And no heat is used in any production stage and it is a completely cold process.

For the production of [Concrete repair mortar](#), raw materials, a simple mixing mechanism and a usable formulation and in addition to this, a production process are needed.

For the production of quality and economical [Concrete repair mortar](#), the formulation and production process are very important. Because this formulation is used to decide which raw materials should be added in what quantities and in what order.

For the production of [Concrete repair mortar](#), there is no need for a very large area and large capital. In addition, there is no need for a technical machine and technical support.

You can produce [Concrete repair mortar](#) on yourself by using the formulas and production methods below.

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Cement Based Concrete Repair Mortar Formulations And Production Process



Cement Based Concrete Repair Mortar Formulations And Production Process

CEMENT BASED

CONCRETE

THIN REPAIR MORTAR

FORMULATIONS

AND

PRODUCTION PROCESS

**GREY CEMENT BASED
CONCRETE THIN REPAIR MORTAR**

PRODUCTION PROCESS – I

INGREDIENTS	AMOUNTS
GREY PORTLAND CEMENT (42.5R)	40 Kg
SILICA SAND (20 – 30 AFS)	30 Kg
SILICA SAND (50 – 55 AFS)	20 Kg
DOLOMITE POWDER	9.850 Kg
METHYLCELLULOSE (MC)	0.100 Kg
POLYPROPYLENE FIBER (6 mm)	0.050 Kg
TOTAL	100

PROCESS: The above raw materials used are in powder or solid form. Thus, all raw materials are placed in a mixer tank regardless of their order and mixed until they are homogeneous. Process is completed when the mixture in the mixer tank is sufficiently homogeneous.

NOTE: The amounts of raw materials used above may be adjusted according to market conditions.