

ZNR™ REPAIR C30
Thick Repair Mortar

Product Description	Cement-based, fiber-added, highly adhesive, ready-to-use and polymer modified repair mortar that can be used for repairing and plastering exposed concretes and prefabricated construction elements and for similar repair and leveling works. Recommended for applications from minimum 10 mm to maximum 30 mm of thickness.																				
Product Number	304																				
Areas of Application	<ul style="list-style-type: none"> • Filling the spaces originating from placing mistakes, • For filling the spaces on the surfaces of concrete pre-fabricated elements, • For all mounting and repair mortars of constructions, • For leveling of floors before final covering, • Side and edge repairs. • For all horizontal and vertical mounting, repair and plastering works of all reinforced concrete structures for which high adherence capability is desired. 																				
Characteristics /Advantages	<ul style="list-style-type: none"> • Easy-to-use. • Perfect operability, • Durable against frost and external weather conditions. • Horizontally and vertically applicable, high adherence capability. • Polymer reinforced. • Fairly high physical features. 																				
Reference Standard	TS EN 1504-3																				
Technical Data	<table border="1"> <tr> <td>Powder Color</td><td>Grey</td></tr> <tr> <td>Package</td><td>25 kg kraft bags</td></tr> <tr> <td>Density (Fresh Mortar)</td><td>~2.00 kg/m³</td></tr> <tr> <td>Working Temperature</td><td>Surface temperature +5°C / +35°C</td></tr> <tr> <td>Adhesion Strength</td><td>≥ 1.0 N/mm² (28 days)</td></tr> <tr> <td>Compressive Strength</td><td>≥ 25 N/mm² (28 days)</td></tr> <tr> <td>Flexural Strength</td><td>≥ 6 N/mm² (28 days)</td></tr> <tr> <td>Pot life</td><td>Approximately 1 hours (at +20 °C)</td></tr> <tr> <td>Consumption</td><td>~2 kg/m² for 1mm of thickness</td></tr> <tr> <td>Storage</td><td>Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.</td></tr> </table>	Powder Color	Grey	Package	25 kg kraft bags	Density (Fresh Mortar)	~2.00 kg/m ³	Working Temperature	Surface temperature +5°C / +35°C	Adhesion Strength	≥ 1.0 N/mm ² (28 days)	Compressive Strength	≥ 25 N/mm ² (28 days)	Flexural Strength	≥ 6 N/mm ² (28 days)	Pot life	Approximately 1 hours (at +20 °C)	Consumption	~2 kg/m ² for 1mm of thickness	Storage	Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.
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Surface Preparation	The application surface should be cleaned from loose parts, grease and other chemicals and should be crack-free, dry and clean. Make the surface ready for repair application by soaking the surface using a brush or sponge .																				
Preparation Instructions	Pour the powder material (25 kg) into approximately 4.00 Lt clean and cool mixing water depending on the desired consistency and mix with a proper low-speed mixer for 3-4 minutes to obtain a homogenous and smooth mixture and wait for ~5 minutes. Do not add water into the powder material.																				
Application	Make the maturing material ready for use by re-mixing and apply on the wetted and saturated surface using a spatula or trowel.																				
Considerations	<ul style="list-style-type: none"> • Do not add water or powder into mixtures that have begun setting. • Protect the application area from direct sunlight, wind, rain and frost for the first 24 hours. • It is recommended to make the application at a temperature between +5 and +35 °C ; do not make application under temperatures below - 5°C. 																				
General Matters	Abovementioned product data and descriptions are prepared for guiding purposes as a result of our experiences and diligent studies. We, individually, can not control or affect the variety of the related materials and various construction and working conditions. Warranty is limited																				

to only quality of the purchased material for the applications that are not under our control. No warranty is committed for application, but only for product manufacturing. This technical flyer overrides former flyers. Quality of the work may vary depending on how professionally the product is used. In case of hesitation, please perform a small test or ask for technical help.

Disposal

Empty packings can be disposed to collection bins according to regional/local regulations or recycling rules. Dispose used waste materials as construction waste materials after drying and hardening. It is dangerous to dispose by burning the product remnants.

Safety Information

Keep the products out of reach of children. Keep the lids of the products closed. It is recommended to use gloves and goggles during application. In case of contact with skin, wash immediately with soap. In case of contact with eyes, immediately consult a doctor. For more information, please refer to the material safety data sheet.