

ZNR™ CURE 100

Water-Based Concrete Curing Material

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| Product Description | Water and acrylic-based liquid curing material that prevents water loss of fresh concrete by applying on new concrete surfaces using a roller or by spraying. | | | | | | | | | | | | | | | | | | | | |
| Product Number | 600 | | | | | | | | | | | | | | | | | | | | |
| Public Works Item Number | 04.613/1 F | | | | | | | | | | | | | | | | | | | | |
| Areas of Application | <ul style="list-style-type: none"> • All indoor and outdoor field concretes, • Airport, road and bridge concretes, • Ports and storage areas, • Aprons and parking areas, • Retaining walls, columns and beams, terraced roofs, • Suitable for all concrete surfaces such as glazed concrete applications, etc. | | | | | | | | | | | | | | | | | | | | |
| Characteristics /Advantages | <ul style="list-style-type: none"> • Economic. Eliminates expensive methods such as watering, etc. • Provides obtaining the planned strength. • Prevents loss of water of the concrete against external weather conditions (sun, frost, etc.). • Reduces shrinkage crack possibility with high curing capacity. | | | | | | | | | | | | | | | | | | | | |
| Technical Data | <table border="1"> <tr> <td>Appearance</td><td>White liquid</td></tr> <tr> <td>Package</td><td>30 kg plastic cans</td></tr> <tr> <td>Density</td><td>~ 1.00 gr/cm³</td></tr> <tr> <td>Viscosity</td><td>18 – 25 KU(~60 mPa.s)</td></tr> <tr> <td>Full-Dry Time</td><td>3–5 hours (depends on ambient conditions)</td></tr> <tr> <td>Flash point</td><td>No</td></tr> <tr> <td>Danger class</td><td>No</td></tr> <tr> <td>Application tools</td><td>Sponge roller or brush or by spraying</td></tr> <tr> <td>Consumption</td><td>Approximately 0,100–0,250 kg/m² depending on ambient conditions</td></tr> <tr> <td>Storage</td><td>Approximately 12 months in a cool and dry environment in the original close package.</td></tr> </table> | Appearance | White liquid | Package | 30 kg plastic cans | Density | ~ 1.00 gr/cm ³ | Viscosity | 18 – 25 KU(~60 mPa.s) | Full-Dry Time | 3–5 hours (depends on ambient conditions) | Flash point | No | Danger class | No | Application tools | Sponge roller or brush or by spraying | Consumption | Approximately 0,100–0,250 kg/m ² depending on ambient conditions | Storage | Approximately 12 months in a cool and dry environment in the original close package. |
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| Consumption | Approximately 0,100–0,250 kg/m ² depending on ambient conditions | | | | | | | | | | | | | | | | | | | | |
| Storage | Approximately 12 months in a cool and dry environment in the original close package. | | | | | | | | | | | | | | | | | | | | |
| Preparation Instructions | The product is ready for use. | | | | | | | | | | | | | | | | | | | | |
| Application | Start with the application when the gloss on the fresh concrete surface gets matt (when free water gets lost). Apply immediately after striking the formwork in case of applications with formwork. The application can be made using brush, roller or by spraying. Protect ZNR CURE 100 applied concrete surface from exposure to water due to rain, etc. for 5–10 hours from application. | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | |