

Please be noted that there are certain precautions and pointers that Needs to be taken into consideration when handling light weight cellular concrete.

## Main points

- Early and continuous curing is crucial for the insurance of the concrete quality and strength for more info refer to your concrete supplier.
- Using a Pump will result in losses in the volume and increase of the concrete density for the estimated losses table please refer to our concrete supplier.
- Finishing the slab will result in losses in the volume the harder the impact the more volume loss.
- It is recommended to use pump 42 M or less to decrease the volume losses due to pumping, “refer to losses table from your concrete supplier.
- With densities lower than  $700 \text{ Kg/M}^3$ , strength won't be calculated however serviceability and thermal insulation will be the key figures and it is recommended at these densities to avoid pump usage.
- To measure cellular concrete strength, you should refer to 28 days cubes for more accurate results and it measured based on after pumping cubes.
- Usage of high dosage of concrete chemicals is not recommended with the usage of our foaming agents and it is preferred to stay lower than 1% in case of Type G and Type F admixtures.
- Cubes tested should be removed from curing 3 days before crushing tests in case of air drying or 24 hours in case of oven drying method.
- Cubes should be taken and handled at the manufacturing plant or in a safe location where it won't be moved or projected to any issues within the first 48 hours of casting, and for strength tests it should be taken after pumping.
- Concrete strength and behavior will vary based on the set design mix for accurate data regarding your cellular concrete please refer to your local supplier.
- For any inquires please refer to your concrete supplier or contact us at “ [info@dexchem.org](mailto:info@dexchem.org) “

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