



NATIONAL TERRAZZO & MOSAIC ASSOCIATION

www.ntma.com

800.323.9736

TECHNICAL BULLETIN #S-10

8/13

(Formerly TB#19)

COMPRESSIVE STRENGTH OF CEMENT TERRAZZO UNDER-BED & TOPPING

UNDER-BED

This material is normally mixed on the job site, although transit mix is used in some cases. Transit mix consists of 4 parts of coarse concrete sand and 1 part of type 1 Portland cement. Sufficient potable water is added to produce a 2-to-3-inch low slump.

This low slump material is required for two primary reasons: to minimize the amount of anticipated shrinkage and to enable the installer to walk on this concrete surface immediately in order to insert the divider strips.

When properly mixed, this under-bed material will have a compressive strength between 1,800 and 3,000 psi. This depends on the coarseness of the sand available in the area.

TERRAZZO TOPPING

The under-bed supports the terrazzo topping. The compressive strength of the topping varies between 4,000 and 7,000 psi.

General Disclaimer: *The information provided in the Technical Bulletin is for general informational purposes only. Each project and individual application are unique. All information is provided in good faith: However, NTMA makes no representations or warranties of any kind, express or implied, regarding the accuracy, adequacy, validity, reliability, or completeness of any information provided herein.*