Trade Facilitation Centre and Crafts Museum, Varanasi (Uttar Pradesh).

The TFC & CM project located at Bada Lalpur, Varanasi, being developed by Ministry of Textile on 7.93 acres land and having constructed area of around 43,450 sq. m. The project offer facilities such as Convention hall, Exhibition area, Shops, Marts, Food Court, Restaurants, Guest Houses, Dormitories, Offices, Crafts Museum and amphitheater along with support infrastructure and amenities focused at providing integrated platform for promotion of Handloom, Handicrafts and Carpet Sector of Varanasi region. MYK LATICRETE was chosen for its expertise in providing successful solutions for tile and stone installations.

Natural Stone Sealing: MYK LATICRETE MaxiSeal, a nano technology based impregnating sealer was used to seal highly porous Dholpur stone & red Agra Stone covering an area of 1.5 lakh sq. ft. Designed for protection of all medium porous stones, MaxiSeal is formulated for resistance against water, alkalis, acid staining and freeze - thaw damages.

**Tile fixing on floor:** LATAFIX 305 Thinset Adhesive for Floor N Wall was used to fix ceramic tiles of size 300x300mm and 600x600mm in the floor area of lobby, guest rooms, office admin areas etc.

AAC Block Adhesive was used for laying aerated light weight blocks to construct walls. AAC Block Adhesive is a factory prepared blend of carefully selected raw materials, Portland cement and graded aggregates and polymers.

MYK LATICRETE has always been providing innovative and quality products which enable better construction practices and this project is another addition to the growing list of successful installations.
Imparting Knowledge

A training session for Engineers & Architects in various locations. MYK LATICRETE technical service team shared information regarding MYK LATICRETE product range in which the participants showed keen interest.


Stapati Architects, Calicut - 10th January 2018.
Introducing Super Set, a new product from MYK LATICRETE, that partners with cement to keep tiles perfectly leveled and free of cracks year after year.

When mixed with water & used with cement, Super Set acts as a great enhancer for cement slurry, bonding with varied kinds of tiles, removing the need for water curing. The tiles set perfectly & the tiling stays looking perfect!

So, recommend Super Set to all your customers, as this little bottle promises big advantages such as:

**Better performance:** Compared to traditional system of only cement slurry tiling

**Economical:** One 300 ml bottle is enough for 1 (50 kg) cement bag

**Easy to use:** Liquid form, easily dispersible in water

**Packaging:** 300 ml bottle
Ask us

Cold Weather Tiling and Grouting

Q What is the effect of cold weather on tiling and grouting operations?
A Conventional Portland cement tile setting beds, thin-set mortars, grouts and cement plasters are often permanently damaged when subject to below freezing temperatures immediately after installation. The water content of a mortar turning into ice often results in Portland cement gel structure rupturing with significant loss in strength, flexibility and durability. Subsequent repairs to the damaged work and resulting site delays are extremely costly.

Q How does low or high temperature effect the tile setting and grouting materials?
A There is a simple rule to follow when the temperature is low during installation: The 6 °C Rule (18° F) – for every 6°C below 21°C (70°F), Portland cement and epoxy based materials take twice as long to cure. For example if it takes 24 hours for an adhesive to set at 21°C, then it takes 48 hours for the same adhesive to set at 13°C. In those climatic conditions, selection of appropriate screeds, mortars and adhesives is very critical to avoid weather related failures. MYK LATICRETE offers several specialized thick bed and thin bed tile and stone installation systems that suit all weather conditions.

Q What is the solution from MYK LATICRETE to make sure the tile laying and grouting work is not damaged during cold weather?
A There are two solutions offered by MYK LATICRETE for ensuring best performance of tile and grout installations.

Liquid Latex Fortified Mortars, Screeds and Plasters
The use of 4237 Latex Additive in thin-sets and 3642 Mortar Admix and 73 Latex Admix in thinsets, grouts, plasters, stuccos and other portland cement mortars allows work to continue in cold weather without costly delays or damage. Frost, ice and thermal shock do not damage LATICRETE® Latex Fortified Mortars after placement. Installations can be made at temperatures as low as 2°C (35°F).

Rapid Setting Latex Fortified Mortars
The use of a premium rapid-setting thin-set mortar will also help to accelerate the setting time in cooler temperatures. FSA 336 is ideal for this application. The use of 73 Rapid Latex Admix mixed with unmodified LATICRETE® Thin-Set Mortars, Medium Bed Mortars and LATICRETE® 111 Crete Filler Powder, bagged mortars allows work to take place and can quickly return newly tiled areas back to service in cooler temperatures.

Q What other precautions need to be taken to ensure MYK LATICRETE products performance during cold weather conditions?
A Shipping and Storage
For best results, always ship and store installation materials at temperatures above freezing so they will be ready to use when needed.
1. If LATICRETE® liquid latex admixtures and liquid membranes are ever frozen, allow them to thaw completely before use. Allow the products to come up to room temperature of approximately 21°C (70°F). Stir contents thoroughly before use or before mixing with thin-sets, grouts and other Portland cement mortars.
2. LATICRETE® and LATAPOXY® liquid pouches/tins stored in cooler temperatures should be warmed by submerging the unopened pouches in warm water until the material is sufficiently tempered.
3. Acclimate waterproofing membranes, crack isolation and sound control products to their respective usage temperature range prior to use
4. Store all polymer fortified thin set mortars and grouting products in a warm area for 24 hours prior to use.

Q How do we protect the installation areas during cold weather conditions?
A Protection
Due to the slow rate of Portland cement hydration and strength development at low temperatures, protect installations from traffic for longer than normal periods. Keep all traffic off of finished work until full cure. For example, installations which will be subjected to vehicular traffic should cure for 7 days at 21°C (70°F) prior to vehicle traffic. Allow extended cure time, based on the 8th C Rule (above), for installation in cooler temperatures.
It is important to note that large format tiles and stone will also require longer curing periods in cooler temperatures. Suitable protection & support should be included in the scope of work. For example, the Tile Council of North America (TCNA) of the TCA Handbook for Ceramic Tile Installation (current year) under the heading “Protecting New Tile Work” states: “Builder shall provide up to ¼” (19mm) thick plywood or OSB protection over non-staining Kraft paper to protect floors after installation materials have cured”.
In addition, extended cure periods will be required for applications that include multiple layer build ups (e.g. mortar beds, waterproofing, sound control, crack isolation, epoxy grout, etc…). Each component must reach a proper cure prior to installing the subsequent installation product.