



SIKA AT WORK

OSTACIANA B. DE LAVIGNOLLE NEW HOSPITAL IN MORÓN, ARGENTINA

LABORATORIES, BATHROOMS AND SANITARY FACILITIES:
CERAMIC ADHESION OVER DRYWALL WITH CEMENTITIOUS ADHESIVE
Sika® Ceram Flexible

BUILDING TRUST



WALLS IN THE NEW HOSPITAL

Ceramic coating in laboratories, bathrooms and sanitary facilities

PROJECT DESCRIPTION

“Ostaciana B. Lavignolle” Hospital is currently being renovated. The complete work will demand an execution time of approximately 4 years.

The work consists of a first block of 13.760 m² distributed in 6 floors, plus ground floor and basement, that will be used for hospitalization services, new born and adults intensive care, obstetric and surgical center, among others.

In addition to this first block, the building of another 2 blocks will take place. One of them will have a surface of 3.800 m² approx. and it will be designed to take medical on-call services, emergency, imaging diagnostic, laboratories and hemotherapy. Also, it will contain the Health Center Management and Administration. The remaining block, with a 3.600 m² surface approx., will be used for outpatient clinics, teaching and research. Each floor will have a medical department, with meeting rooms for residents and doctors in charge of the emergency room, besides dressing rooms and bathrooms.

REQUIREMENTS

All internal partitions of the laboratories, restrooms and sanitary facilities were executed with drywalls. These partition walls had to be coated with 20 cm × 20 cm ceramic tiles. The most important requirement, for hygiene reasons, was that the ceramic coating had to be strongly adhered to the drywall. Therefore a product that generates the required adherence while tolerating possible movements between boards and that does not suffer alterations when cleaned with water and chemical products was used.

THE ADHESIVE SURFACE
WILL BE 5000 m², USING
Sika® Ceram Flexible.



SIKA SOLUTION

Cement-based adhesive Sika® Ceram Flexible was chosen to fix the ceramic tiles.

This is a waterproofing, thixotropic, with very good plasticity and high performance product that possesses great flexibility. Therefore it was suitable to overcome all requirements. Besides the pull-off tests indicated by Construction Management, another way to test the excellent attachment of the adhesive to the drywall, occurred during the installation process. Prior to placing the first ceramic, in order to support the first row, a metal profile was fixed to the plasterboard, for which Sika® Ceram Flexible was used. Once the placement of the ceramic was finished, the metal profile was extracted, showing that the board was torn instead of taking off the adhesive. This realizes that the adherence achieved between the adhesive and the plasterboard was even greater than the adherence between each component of the board.



NEW HOSPITAL IN MORÓN



SIKA PRODUCTS

Sika® Ceram Flexible

Adhesive surface
5000 m²

PROJECT PARTICIPANTS

Supplier: Sika Argentina s.a.i.c.
Technical advice: Paulino Maldonado, Marcos Urankar
Main contractor: IECSA S.A.
Applicator: COZAHLE S.R.L.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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