

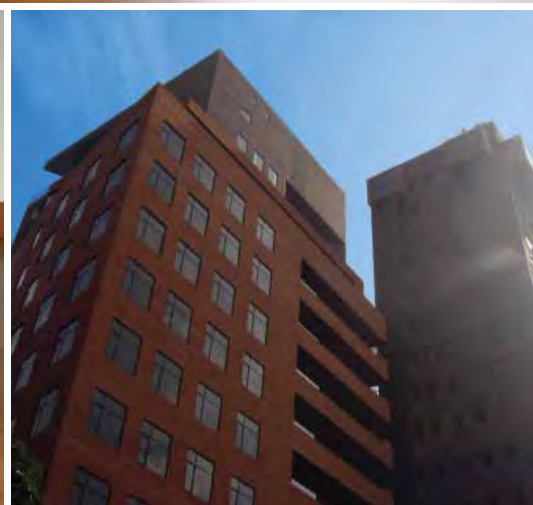
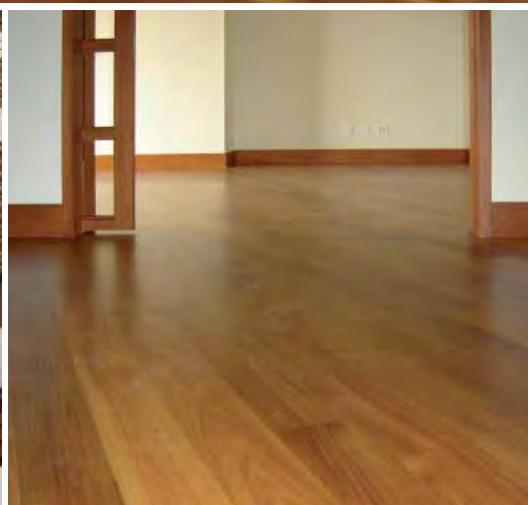
Sika at work



Elastic Wood Floor Bonding Casa Margarita Building Guatemala City, Guatemala

**Time-saving, Solution for Substrate Moisture Control, minimal Expansion Joints.
Comfort and Durability.**





Description of the Project

The Casa Margaritas is a new apartment building in Guatemala City, consisting of twin 16 storey towers and located in the modern residential and commercial district known as Las Margaritas. This development contains 96 luxury apartments each with a floor area of more than 250 m², many also have a magnificent view in this superb location. There are 4 apartments on each floor of each of the two towers, where a total of more than 12,000 m² of premium quality exotic solid hardwood floors were specified to be installed.

Requirements

The design and specification of the wood flooring in the Casa Margaritas demanded the highest quality installation and finishing for all of the apartment living areas (sitting room, dining room and the bedrooms). The specified wood was Cumarú (*Dipteryx Odorata*), an exotic South American hardwood, selected not only for its appearance, but also its stiffness, resistance to traffic and the additional advantage of low linear shrinkage, which make it ideal for the variable climate in Guatemala City.

The installation also had to be made on new concrete floors without the possibility of delay.





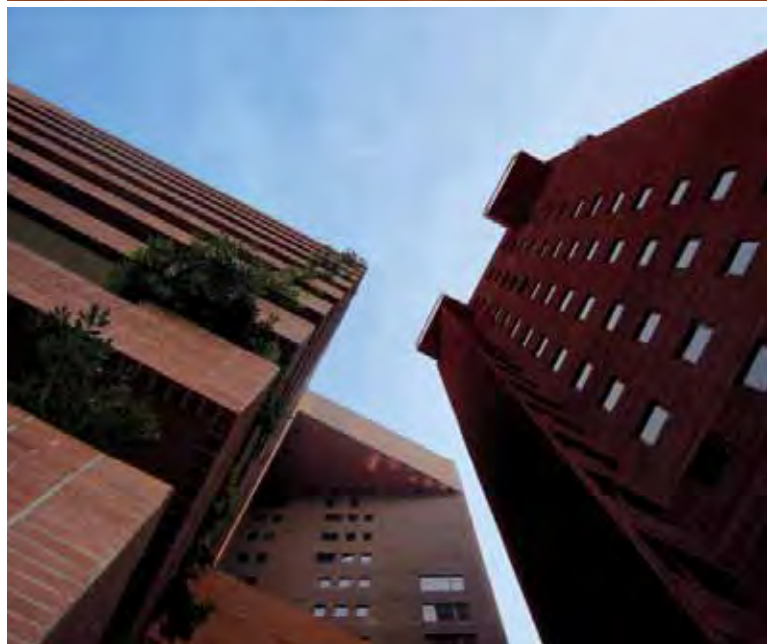
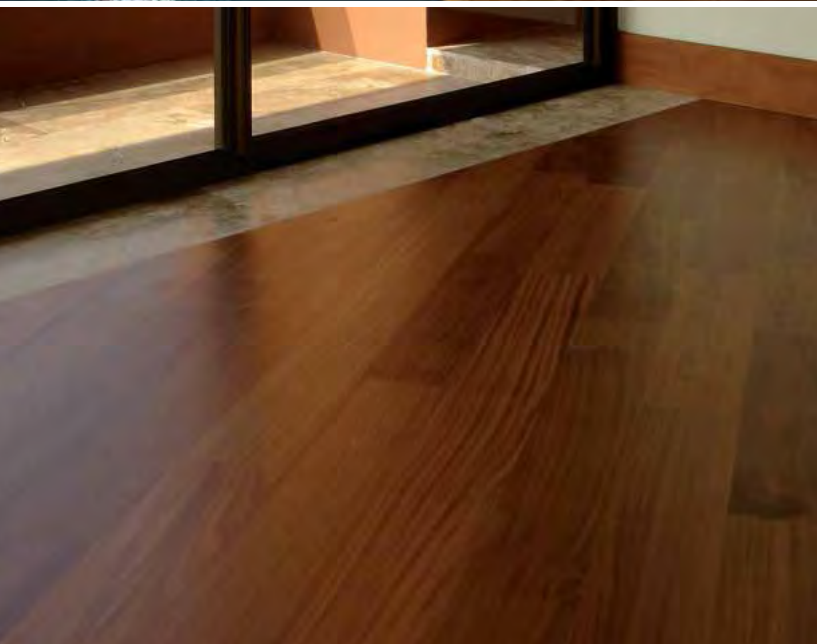
The Sika Solution

Sikabond®-T35 one component polyurethane was selected as the high performance elastic bonding system for the installation of the luxury hardwood floors, due to its fast application on site and high elongation in service, which allows the wood floor to move naturally without loss of bond. It also helps to accommodate minor unevenness.

To prevent delays or problems with residual moisture, the concrete surface was impregnated and sealed with **SikaPrimer® MB**. This epoxy resin based material controls and regulates moisture, plus it consolidates and improves the substrate, thus also improving the bond characteristics.

Sika Products used

A total of more than 7 tons of **SikaPrimer® MB** was used to impregnate and seal the floors, then more than 10 tonnes of **Sikabond®-T35** elastic adhesive were used to bond the tongued and grooved, 20 mm thick, solid wood planks that were 1.2 m long and 90 mm wide, in position.



Conclusions

Sika's high performance elastic wood floor bonding systems have been proven all over the world as they provide a safe and secure installation, they increase water resistance and insulation, plus they reduce noise and vibration because of their dampening effect.

The use of Sika technology also reduces installation time and allows large areas to be installed quickly and to compensate for any minor substrate unevenness.

Participants

Owner: INVERMO Corporation
Design: Legorreta & Legorreta
Specialist Wood Flooring Contractor: MAECO
Main Contractor: Edificaciones Las Margaritas
Project size: 12'000 m²

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



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