



1

Cretan Malia Park Hotel

The Cretan Malia Park Hotel is formed by an elegant hotel and a bungalow complex, located in a peaceful area in a bay with a sandy beach, surrounded by dense, tropical vegetation – palm trees and cacti – to create an exotic environment. The hotel is located within walking distance of Malia, a small village close to Iraklion. A large swimming pool covering an area of 800 m², surrounded by an artificial beach, complete the area where the bungalows are located. Thanks to the numerous services available and the comfortable surroundings offered to the clients, the hotel is considered one of the leading beach resorts in the world. The main building, which contains the

reception area, restaurants, 14 single suites and 37 double suites, was recently renovated, and reopened to guests in the summer of 2007.

The company which carried out the renovation work chose to operate with Mapei products. PLANICRETE synthetic rubber latex was mixed with the cementitious mix to form screeds with improved mechanical and adhesive strength.

ULTRAPLAN ultra-fast hardening, self-levelling smoothing compound was used to reach the required level on the floors in the resort before laying the tiles. The use of this smoothing and levelling compound makes substrates suitable for laying all types of flooring

Photo 1.

A view of the outside of the hotel.

Photo 2.

ULTRAPLAN self-levelling smoothing compound was applied on the internal surfaces to obtain a perfectly flat floor before laying the covering material.

Photos 3 and 4.

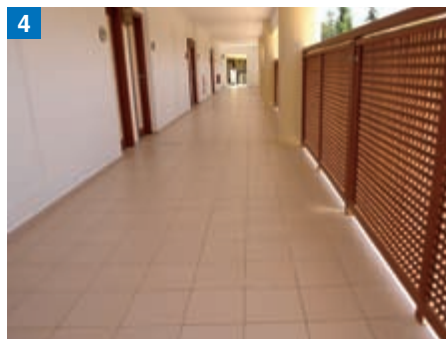
All the floors in the communal areas were laid with large-sized porcelain tiles using ULTRAFLEX S2 MONO.



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*Photos 5, 6 and 7.
The floors and walls
in the bedrooms and
bathrooms were also
covered with smaller
porcelain tiles.*

*KERAFLEX adhesive
was used to bond the
tiles and ULTRACOLOR
PLUS was used to
grout the joints.*

*Photo 8.
In the large central swimming
pool, the tiles were bonded
using KERAFLEX and the
joints were grouted with
ULTRACOLOR PLUS.*





materials where high resistance to traffic and loads is required, typical operating conditions in hotels.

All the internal and external floors in the communal areas, such as the reception, the lobby and the restaurants, were laid with porcelain tiles (60x60 cm) using ULTRAFLEX S2 MONO one-component, high-performance cementitious adhesive.

The floors and walls in the suites and bathrooms were also covered with porcelain tiles (30x30 cm), laid using KERAFLEX cementitious adhesive.

Apart from having no vertical slip and an extended open time, this product is recommended when laying floors subject to strong stresses. The tile joints were grouted with ULTRACOLOR PLUS, which guarantees an absolutely uniform colour over the years, does not produce surface efflorescence or mould (thanks to BioBlock® technology), is water-repellent (DropEffect® technology) and dries quickly, so that floors may be put into service only 24 hours after laying the covering material.

In the large central swimming pool, the

tiles were laid using KERAFLEX, and the joints were also grouted in this case with ULTRACOLOR PLUS (swimming pools may be put back into service after 48 hours).

TECHNICAL DATA

Cretan Malia Park Hotel, Malia, Crete (Greece)

Year of Construction: 1989

Designer: Mr Stylianides

Intervention by Mapei: renovating the internal areas by applying new screeds, smoothing substrates; laying and grouting porcelain tiles in inside and outside areas; laying and grouting tiles on the pools' surfaces

Designer: Stylianides

Period of intervention: 2006-2007

Client: Asimenia Akti A.E.

Mapei Distributor: Kafousis

Mapei Coordinators: Ioannis Koropoulos (Mapei Hellas) and Fabio Fenech (Mapei SpA)

Mapei Products: the products mentioned in this article belong to the "Products for Ceramic Tiles and Stone Materials," and "Products for the Installation of Resilient, Textile and Wood Floor and Wall Coverings" ranges.

The technical data sheets are available on the web site: www.mapei.com. Mapei's adhesives and grouts conform to EN 12004 and EN 13888 standards. Almost all the Mapei products for laying floors and walls are also GEV-certified. Mapei pre-blended mortars for screeds and smoothing and leveling compounds conform to standard EN 13813 and have been awarded the CE mark in compliance with Annex ZA, standard EN 13813.

Keraflex (C2TE, EC1R): high performance cementitious adhesive, with no vertical slip and with extended open time for ceramic tiles

and stone material.

Planicrete: synthetic-rubber latex for cementitious mortars for improving bonding and mechanical strength.

Ultracolor Plus (CG2, EC1): fast-setting and drying, high performance, anti-efflorescence, water-repellent mortar grout for joints from 2 to 20 mm. With DropEffect® and anti-mould with BioBlock® technology.

Ultraflex S2 Mono (C2TES2): one component, easy to apply, high flexibility, high performance cementitious adhesive with no vertical slip, extended open time and extremely high yield for ceramic tiles and stone material.

Ultraplan (EC1, CE): ultra-fast hardening self-levelling smoothing compound for thicknesses from 1 to 10 mm.