

REFERENCE FILE FORM: MAPEI Polska Sp. z o.o.

DATE: 08-2010

REFERENCE NUMBER:

Checked by (initials and date): Marketing:

Technical Ass:

The Management:

NAME OF BUILDING INTERVENTION: DANA HOTEL & SPA, ZIELONA GÓRA

YEAR / PERIOD OF CONSTRUCTION: 2008-2010

YEAR / PERIOD OF MAPEI INTERVENTION: 2009/2010

INTERVENTION BY MAPEI: INSTALLATION OF QUARELLA (NATURAL STONE CONGLOMERATE)

LAYING COMPANY: „GRYGIER GRANIT” WOJCIECH GRYGIER ZIELONA GÓRA

MAPEI DISTRIBUTOR: „GLAZURIS” DARIUSZ PAWŁOWSKI, ZIELONA GÓRA

MAPEI COORDINATOR: BARTŁOMIEJ JARONI

PHOTOS: YES (N°: 6)

DESCRIPTION: YES

MAPEI PRODUCTS	MATERIAL INSTALLED	SUBSTRATE	QUANTITY OF PRODUCT	SURFACE	INSIDE/ OUTSIDE	NEW / RENOVATION	PRODUCT LINE
	DO NOT COMPLETE FOR BUILDING PRODUCTS						
GRANIRAPID	QUARELLA		3 427 kg	350 m ²	INSIDE	NEW	PRODUCTS FOR CERAMICS & STONE
KERAFLEX MAXI S1	QUARELLA/ CERAMIC MOSAIC		7 500 kg	650 m ²	INSIDE	NEW	PRODUCTS FOR CERAMICS & STONE
KERAPOXY	QUARELLA		30 kg	80 m ²	INSIDE	NEW	PRODUCTS FOR CERAMICS & STONE
ULTRACOLOR PLUS	QUARELLA		160 kg	530 m ²	INSIDE	NEW	PRODUCTS FOR CERAMICS & STONE
MAPESIL LM	QUARELLA		50 szt.		INSIDE	NEW	PRODUCTS FOR CERAMICS & STONE

A/ PRIVATE
(PRYWATNE)

- Commercial centre
 Bank
 Hotel
 Restaurant
 Car show room
 Other:

B/ PUBLIC
(PUBLICZNE)

- Church
 Hospital
 School
 Museum
 Library
 Other:

C/ INDUSTRIAL
(PRZEMYSŁOWE)

- Warehouse
 Storage
 Factory
 Office
 Other:

D/ TRANSPORT

- Airport
 Railway
 Metro
 Road
 Tunnel
 Bridge
 Ship
 Other:

E/ RESIDENTIAL
(REZYDENCJE)

- Apartment / Flat
 House
 Apartment / Bldg
 Other:

F/ SPORT

- Pool
 Track
 Stadium
 Gym
 Other:



Beauty enchanted in Quarella

Installation of 1000 m² of Quarella (natural stone conglomerate) in DANA Hotel & SPA.

MAPEI PRODUCTS

- GRANIRAPID
- KERAFLEX MAXI S1
- KERAPOXY
- MAPESIL LM
- ULTRACOLOR PLUS





BEAUTY ENCHANTED IN QUARELLA ...

The Grygier Granit stonemasonry company was founded in 1976 in Zielona Góra. It's owned by Wojciech Grygier, who through many years apprenticed in stonework manufactories gaining experience as a stonework artisan and who became a mason master on March 27th of 1980. In the beginning the company was mainly specialized in designing, fabricating and installing gravestones and tombs. Along with clients' growing consciousness of the exceptional character of stone material, the company incorporated also designing, fabricating and installing of stone elements such as kitchen tops, floors, indoor and outdoor stairs, swimming pools, terraces, cornices and portals, the bands surrounding the building. The company offers a wide range of natural stones, also imported on client's request. *What's natural is always trendy and always irreplaceable* - says W. Grygier. *That's just how magnificent the natural stone actually is. Beauty enchanted in stone is not only the variety and uniqueness of textures and shapes, but especially its timeless character and unique ability to provide the craftworks with the sense of harmony of a long lasting artisty. Many projects are also done with conglomerates as an alternative for natural stone, ceramic tiles and terrazzo. The range of use of conglomerate is extremely wide, mainly because of its exceptional durability and resistance to abrasion* – W. Grygier continues. *We create conglomerate floors, stairs, tops, window sills, and other finishing elements. This material is never affected by stains and it's really easy to clean, because it barely absorbs water. The wide range of colors along with professional processing gives simply unlimited number of possible applications and solutions, which allows to fulfill most of expectations regarding functionality and architecture.*

The company first met Mapei products in 2000. Lack of investors' complaints, easy application of single products exclaimed by the employees and really prompt assistance from Mapei Technical Advisors to solve unexpected difficulties appearing on the building site all made the cooperation much closer. During last 10 years

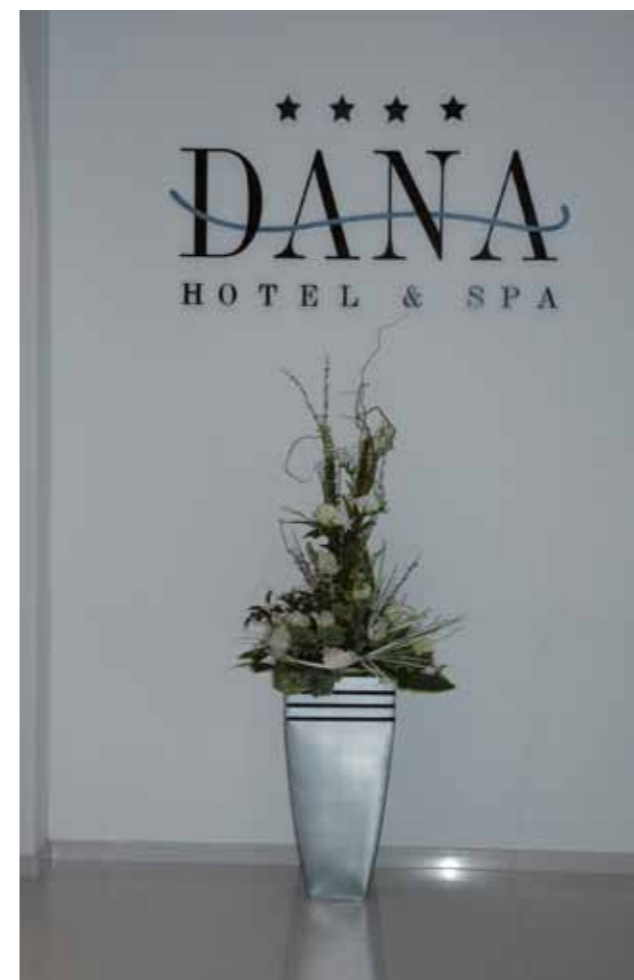
almost 100% of Grygier Granit investments was executed with Mapei solutions.

... WELL EXPOSED THANKS TO MAPEI SOLUTIONS

One of the last common projects was installation of the Quarella quartz conglomerate on the surface of 1000 m² in the Dana hotel in Zielona Góra. According to the project, the large format 60 cm x 60 cm tiles were to be installed in the SPA centre, the restaurant and the hall (in total 800 m²) and 3 cm thick tiles on the stairs' surface (in total 200 m²). Another task was manufacturing and installation of all the tops in the hotel's reception desk and the SPA centre (where additionally the heated seats were to be done in ceramic mosaic).

The challenge was the tight works schedule (December 1st 2009–February 25th 2010) along with the necessity of coping with the slight flooring irregularities (which make the large format tiles installation more trouble making) including the heated floor as well. The variety of room shapes required precision in planning the tiles and the dilatation areas arrangement, because the investor strongly required avoiding installing the thin stripes of the covering material which would stand in a blatant contrast with the sterile in their expression large format tiles.

In the SPA centre, because of the high humidity impact on the resin conglomerate tiles from the natural stone, high performance, fast setting, deformable adhesive GRANIRAPID was used. It's highly recommended for natural stone installations in zones with high risk of heavy load and where the works deadline is a relevant factor. Moreover GRANIRAPID can be used in 10 mm thick layers. For filling the joints in the swimming pool area the non absorbent and easy to clean Kerapoxy epoxy grout was used, whereas in the other rooms, the choice was for the high performance cementitious grout ULTRACOLOR PLUS which is available in just identical range of colors as KERAPOXY. Both grouts are mould formation resistant and have high resistance parameters, which is especially relevant in zones of intense traffic. The sealing of the dilatation joints was



executed with the neutral cross linking silicone sealant MAPESIL LM. For the conglomerate installation in the hall, on traffic routes (60 cm x 60 cm tiles, also on heated floors) and on the stairs (3 cm thick steps and the 2 cm thick substeps) the use the high performance, deformable adhesive KERAFLEX MAXI S1 was chosen, which allows installation in 3 to 15 mm layers. The surfaces were grouted afterwards with ULTRACOLOR PLUS, the dilatations and the corners were sealed with MAPESIL LM.

The works were executed according to the schedule and right in time. The Dana Hotel made its grand opening for the guests, who gladly appreciated the high services standard as well as the unique, clean and modern interiors.



Mapei Products: the products mentioned in this article belong to the "Products for Ceramic Tiles and Stone Materials". Mapei's adhesives for ceramics and stone materials conform to EN 12004 and have been awarded the CE mark in compliance with Annex ZA, standard EN 12004. Mapei grouts for ceramics and stone materials conform to EN 13888. Almost all the Mapei products for laying floors and walls are also GEV-certified and have been awarded the EMICODE EC1 mark, awarded by GEV. The technical data sheets are available at the web site: www.mapei.pl

GRANIRAPID - High performance, deformable, fast setting and hydration two-component cementitious adhesive for ceramic tiles and stone material, particularly suitable for the installation of stone material that is moderately unstable to moisture and requires a rapid drying of the adhesive, suitable for bonding floors subject to heavy traffic.
KERAFLEX MAXI S1 - High performance, deformable cementitious adhesive with no vertical slip and extended open time with Low Dust technology for ceramic tiles and stone material, particularly suitable for the installation of large sized porcelain tiles and stone material (thickness of adhesive from 3 to 15 mm).
KERAPOXY - Two-component, acid-resistant epoxy mortar for grouting joints wider than 3 mm, available in 26 different colours, may also be used as an adhesive, particularly suitable for internal and external acid-resistant and absorbent grouting of ceramic and stone floors and walls, wherever total hygiene and resistance to most aggressive chemical substances is required.
MAPESIL LM - Solvent-free, odourless neutral cross-linking silicone sealant for natural stone and ceramic tiles.
ULTRACOLOR PLUS - Fast setting and drying, high performance, anti-efflorescence grout, polymer modified, for joints from 2 to 20 mm, water-repellent with DropEffect® and anti-mould with BioBlock® technology.