

## ROCK PLANET QUARTZITES: SPECIFICATIONS

The present detailed technical and descriptive specifications should be an important "tool" for all the specifiers, architects and consultants in general, who want specify and use our particular unique stones, being sure that no other stone can replace them.

For this reason, the Specifications of ROCK PLANET Stones, and in particular the ones of our naturally cleft quartzites, have been drafted in a very technical and detailed way, to point out their particular peculiarities and uniqueness.

It has been possible, following the deep geological know how of some of ROCK PLANET staff, who worked in the past, as consultant, in the quarry areas of all the quartzites, now traded by the company.

### Emerald Quartzite ("Crazy Paving" natural tiles)

Type:	High grade <u>naturally cleft metamorphic micaceous (fucsite bearing) quartzite</u> with high percentage (more than 65-70 %) of recrystallized quartz grains
Colour:	Real <u>emerald green</u> in different tonalities, with reddish-golden patches given by superficial oxidations.
Grain:	Fine to medium
Structure:	Surfaces from planar to slightly undulated, due to, open folds. Alternances of quartz and micaceous beds. Surfaces <u>naturally splitting</u> in correspondence of more micaceous beds. In general the surfaces are smooth with no particular irregularities (steps, undulations) no higher than 3-4 mm.
Shape:	All "tiles" are random in shape (Crazy Paving = Latin "Opus Incertum"), of natural origin and are not processed at all.
Size:	90% of tiles have a minimum internal diagonal of 25 cm
Thickness:	Tiles have thickness variable from 15 to 25 mm (+/- 3mm).

**Remark:** regarding their mechanical-chemical features, please go to each stone form in the web site.

## Quartzite Nama Mixed Grey (Crazy paving and cut tiles)

Type:	Very high grade <u>naturally cleft metamorphic quartzite</u> with very high percentage (more than 94 %) of recrystallized equigranular quartz grains
Colour:	Brilliant <u>Grey</u> in different tonalities, with sometimes very fine reddish dots (1 mm).
Grain:	Very fine (intergranular quartz grains of 0,1 to 1 mm)
Structure:	Unique natural splitting surfaces exceptionally planar, smooth and perfectly parallel (naturally calibrated: no differences more than 1 mm from one side to other). Surface naturally anti-slip. General isotropic structure of quartz grain (presence of no planar discontinuities except the main splitting planes)
Shape:	Tiles offered are random in shape (Crazy Paving = Latin "Opus Incertum") and edge sawn cut (see stone form)
Size:	Various sizes (see stone form).
Thickness:	Tiles are sold in various thickness selected at quarry faces in various groups (see stone form).

**Remark:** regarding their mechanical-chemical features, please go to each stone form in the web site.

## Quartzite Nama Mixed Colour (Crazy paving and cut tiles)

Type:	Very high grade <u>naturally cleft metamorphic quartzite</u> with very high percentage (more than 94 %) of recrystallized equigranular quartz grains
Colour:	50 to 60 % brilliant <u>grey</u> in different tonalities, with sometimes and the rest, <u>reddish, yellowish, golden, brownish</u> in different tonalities, due to oxidation effects within the splitting surfaces.
Grain:	Very fine (intergranular quartz grains of 0,1 to 1 mm)
Structure:	Unique natural splitting surfaces exceptionally planar, smooth and perfectly parallel (naturally calibrated: no differences more than 1 mm from one side to other). Surface naturally anti-slip. General isotropic structure of quartz grain (presence of no planar discontinuities except the main splitting planes)
Shape:	Tiles offered are random in shape (Crazy Paving = Latin "Opus Incertum") and edge sawn cut (see stone form)
Size:	Various sizes (see stone form).
Thickness:	Tiles are sold in various thickness selected at quarry faces in various groups (see stone form).

**Remark:** regarding their mechanical-chemical features, please go to each stone form in the web site.

## Quartzite Black Planet (Crazy paving and cut tiles)

Type:	Medium grade <u>naturally cleft metamorphic micaceous quartzite</u> with high percentage (up to 65-70 %) of partially recrystallized equigranular quartz grains
Colour:	Dark grey to black, very regular in tonality, sometimes (30 %) with fine calcite veins (1 to 3 mm).
Grain:	Very fine
Structure:	Natural splitting surfaces exceptionally planar, smooth and parallel (naturally calibrated: no differences more than 3 mm from one side to other). Surface naturally anti-slip.
Shape:	Tiles offered are random in shape (Crazy Paving = Latin "Opus Incertum") and edge sawn cut (see stone form)
Size:	Various sizes (see stone form).
Thickness:	Tiles are sold in various thickness selected at quarry faces in various groups (see stone form).

**Remark:** regarding their mechanical-chemical features, please go to each stone form in the web site.

## Quartzite Golden Planet (Crazy paving and cut tiles)

Type:	Naturally cleft quartzite. Medium-high grade metamorphic micaceous quartzite with high percentage of quartz (up to 75-80 %).
Colour:	Whitish, yellowish, golden of various tonalities in bands and veins.
Grain:	Very fine (0,1-0,8 mm)
Structure:	Naturally cleft (splitting) surfaces quite regular, from planar to slightly irregular-undulated (with max. difference in thickness of 5 mm). Regarding sawn tiles, the lower surface is sawn, to guarantee thickness relatively regular and constant. Natural surface, naturally anti-slip.
Shape:	Tiles offered are random in shape (Crazy Paving = Latin "Opus Incertum") and edge sawn cut (see stone form)
Size:	Various sizes (see stone form).
Thickness:	Tiles are sold in various thickness selected at quarry faces in various groups (see stone form).

**Remark:** regarding their mechanical-chemical features, please go to each stone form in the web site.