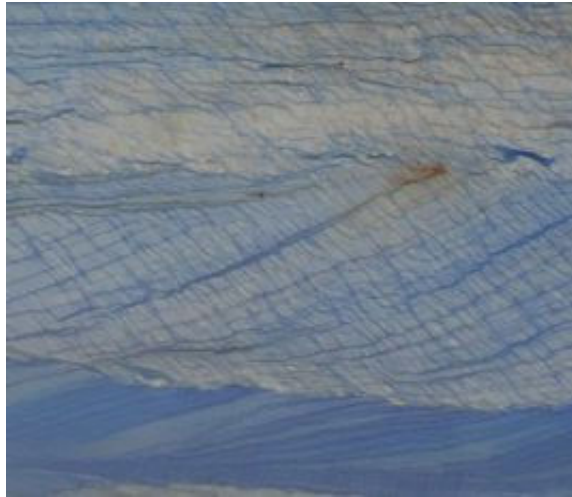




# AZUL MACAUBAS

## *Physico-Mechanical Properties*



Country of Origin: Brazil  
Petrographic classification: Quarzite

Suitable: Quarzite with Dumortierite conferring it a very deep Azul colour. If properly used and well selected is giving a fantastic effect.  
Tight pattern and hardness report it on an high quality level.  
Suitable for interior and exterior jobs.

|                                                |         |
|------------------------------------------------|---------|
| Compression strength (Kg/cm <sup>2</sup> )     | 3897    |
| Ultimate tensil strength (Kg/cm <sup>2</sup> ) | 465     |
| Hardness (Mohs)                                | 7 - 7,5 |
| Water absorption                               | 0,15%   |
| Bulk density (Kg/m <sup>3</sup> )              | 2700    |
| <b><u>Main Minerals:</u></b>                   |         |
| Quartz                                         | 80%     |
| Dumortierite                                   | 15%     |
| Muscovite                                      | 2%      |
| Clorite                                        | 2%      |
| Zircone                                        | 0,5%    |
| Epidoto                                        | 0,5%    |



Photographs of the materials, although faithfully reproduced, are provided as visual reference only. The actual material, as a product of nature, is subject to to variation in color and pattern. The technical data provided is submitted in good faith and provided from what we feel are reliable sources. However, we in no way certify to the accuracy of this information as it may be incomplete or inaccurate. This information should be considered as indicative in nature.  
Marble and Granite Service Srl assumes no responsibility for any of the technical data enclosed.



# AZUL MACAUBAS

Polished or Honed

*Maintenance - protection*



## ENVIRONMENTAL PROTECTION

All special products are registered at the ENVIRONMENTAL OFFICE in BERLIN as they are subject to the German detergent law.

## ANTI-SLIP

Our special products are checked on anti slip safety.

## PRESUPPOSITION

ATTENTION: Before placing the protection (N°2). In mortar placed surfaces has to dry approximately 8 to 12 weeks before placing the protection. In adhesive placed surfaces has to dry approximately 4 to 5 weeks. These drying periods are only as an indication as the wethercircumstances and the seasons influences the drying periods. During these drying periods is it possible that drying spots and salt spots appear on the surface. During this period we recommend to clean the floor or surface with a vacuumcleaner or with warm water with a little bit of R55 in it. In case there are pollutionspots on the floor, you can clean these with R55 or R52. In case of a floorheating, it is necessary that during Step N°1 and Step N°2 is switched of at least 2 days before! The quantities of usage are only indicative as per material and project can vari.

**PLEASE READ ADHESIVES ON THE BOTTLE BEFORE USAGE AND VENTILATE THE ROOMS. BY DOUBT, ALWAYS TRY ON A SAMPLE OR AN ANGLE OUT OF SIGHT TO AVOID DAMAGE!**

## STEP 1 CLEANING:

|                    |     |                                    |                                    |
|--------------------|-----|------------------------------------|------------------------------------|
| Construction dirt: | R55 | Intensive Cleaner -acid free-      | Productivity: apx. 5-15 m2 / liter |
| Concrete remains:  | R63 | Concrete film remover -acid based- | Productivity: apx. 5-15 m2 / liter |
| Rust in the stone: | R77 | Rust remover                       | Productivity: apx. 5-15 m2 / liter |
| Joint blooming:    | R65 | Terra cotta cleaner -acid based-   | Productivity: apx. 5-10 m2 / liter |
| Moss and Algae:    | R60 | Instand Mildew Remover             | Productivity: apx. 5-15 m2 / liter |
| Stains:            |     | ask for our Technical information  |                                    |

## STEP 2 PROTECTION:

|                                                         |     |                                                                                                                                                    |                                   |
|---------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Basic protection:                                       | S34 | Silicon Impregnator -extra protection-<br><i>Protection against oil, water and fat. For in- and outside<br/>No or insignificant change of hue.</i> | Productivity: apx. 10-20 m2/liter |
| Wet effect protection:<br><i>Only for honed surface</i> | S35 | Stone Sealer -extra protection-<br><i>Protection against oil, water and fat. Preferably used inside.<br/>Matte finish (sort of "wet effect")</i>   | Productivity: apx. 5-10 m2/liter  |

## STEP 3 MAINTENANCE:

|                     |     |                              |                                                                                |
|---------------------|-----|------------------------------|--------------------------------------------------------------------------------|
| Regular care:       | P24 | Liquid Stone Soap -no rinse- | Productivity: apx. 25-50 m2/10 liter<br><i>Add regularly to cleaning water</i> |
| Gleam preservation: | P19 | Marble and Granite Polish    | Productivity: apx. 20-30 m2 / Liter                                            |

This technical information can and shall give only non-binding advice. Marble and Granite Service Srl denies any responsibility in case of damage or abuse. The processor must make own tests and experiments because of the varying application fields. We reserve appearing changes caused by technical progress. The processor must pay attention to protection rights to third and general laws or regulation.