



## THE DUNIN stone mosaic **ISM** ASSEMBLY, USE AND MAINTENANCE INSTRUCTIONS

Thank you for your choice of the **DUNIN** mosaic. We would like to encourage you to familiarize yourselves with some hints referring to their assembly and maintenance. Our suggestions originated in result of the **DUNIN** specialists research and they will let you enjoy the tiles values for a long time. Your compliance with our recommendation and hints constitutes also the condition and basis for the possible claims.

### CUTTING the mosaic

1. Stone mosaic **DUNIN** is made from natural stone, i.e. Onyx, Marble, Travertine, Quartzite and river stone.
2. Cutting the cubes of the stone mosaic require professional devices to cut stone.
3. Cutting the mosaic in the home conditions is not easy, so we recommend you to lay the pattern of the mosaic in such manner that there will not occur any need to cut the cubes.

### GLUING the mosaic

1. The stone mosaic should be glued on the white, elastic mortar meant for ceramic mosaic laying.
2. Before gluing the slices the base should be properly prepared – it should be clean, even, and stable.
3. The slice of the mosaic should be grasped with both hands, put against the wall and tightened. The slices should be separated with the daggers.
4. Remove glue from the mosaic's surface and from the tools and hands. The remains of the glue cannot stay on the mosaic. In the case the glue is hard dry it can be removed mechanically out of the surface.
5. Do not apply pointwise gluing.
6. Glued mosaic should be left 24 hours to dry off.

### POINTING the mosaic

1. Before the entire pointing of the stone mosaic in white we recommend you to make a test of the tile joint on the smaller area of the stone to check avoid probable shade alteration.  
**REMARK:** Before stone mosaic pointing the stone should be impregnated in order to protect the stone of being decoloured by the tile joint. Intensively colourful tile joints may change the shade of the white stone.
2. Use joints meant for stone mosaic.  
**REMARK:** Stone mosaic named **TRAVERTINE**, **BRICK/ROCK**, **DARK BRICK** and **WHITE DOME** may be laid without joint. The gaps between the cubes will be filled with glue at the bottom and the slices will be laid on it. Referring to other mosaic – do not lay tiles without joint: i.e. „on direct contact“.
3. Point using a rubber long float. Follow the instruction and apply the parameters which are mentioned on the joint's packaging.
4. The joint may be laid evenly to the surface of the tile or one may apply its partial removal.  
**REMARK:** When pointing stone mosaic **DARK ARDA** and **YELLOW ARDA** the best final result is will be gained by removal from the gaps between the stone as much joint as possible ( even up to ½ of their height) what will ensure 3-dimensional appearance of the mosaic. We recommend to use a wet cloth which will rub off the surplus of the joint.
5. After the setting, clean with a fresh sponge and water. Do not use within 24 hours.

### IMPREGNATION of the mosaic

1. **Protective impregnation:** in order to strengthen the stone and its protection we recommend to impregnate the mosaic with the popular and available on market preparations.
2. **WET STONE EFFECT:** in order to provide the mosaic with „wet stone“ effect we recommend to apply **WET STONE** impregnant from the **DUNIN Technik** batch.  
**REMARK: WET STONE impregnant** is meant for mat stone impregnation or stone mosaic of mat structure. Do not apply on the stone polished surfaces.
  1. Before application of the impregnant clean thoroughly and degrease the surface of the stone.
  2. The impregnant layer butter evenly with a cloth on the mosaic surface. Rub in briskly onto the surface.
  3. Leave 1 hour to dry hard. You should additionally lay the second layer on strongly absorptive surfaces.
  4. Leave 1 hour to dry hard for minimum 1 hour at the room temperature making provision for relevant air circulation.

### Differences in the tiles' shades and sizes

The stone mosaic is manufactured from natural raw material, that is why the thickness and the size of the stone may vary ( tolerance referring the dimensions mentioned in the manual equals to +- 2mm). The above mentioned condition do not constitute legal ground for the claim. You should always pay attention to order tiles meant for one compartment from one batch. Before assembly of the tiles you should ensure yourself that the purchased batch of the tiles possess appropriate quality, size and shade. If you do not apply to the above mentioned conditions you will not acquire relevant basis to lodge any claim.