

# GENERAL INSTRUCTIONS FOR ADHESIVES

## INSTRUCTIONS FOR THE PREPARATION OF SURFACES

- Cleaning the surfaces from concrete remains.
- Removal of loose, dust and impurities etc.
- The surfaces should not contain oils, fats or other materials that prevent the adhesion.
- Removal excess moisture (ponds with water, etc.).
- Primer surfaces, as needed.
- If there are cracks on the surface or construction defects must be earlier repaired (you can use the series of repair materials of THRAKON).
- Ensure the flatness of the surfaces to ensure proper contact the structural elements with basis on which will receive weld.

## DIRECTIVE FOR THE PREPARATION OF MORTARS IN CONTAINER

- Select a clean container of suitable capacity.
- Use an electric mixer, preferably with two speeds.
- First add the appropriate amount of water according with the instructions of preparation (a lot of water decreases the strength of the adhesive).
- Add the slurry, with stirring, with the low speed of the mixer.
- When you add all the mortar, flip in higher speed the mixer and stir until to produce a consistent mass.
- We care with appropriate moves of the mixer to stir the whole mass, and to avoid dregs at the bottom and to the walls of the container
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- Is needed overall stirring time 4 - 5 min.
- Allow the mixture to mature for a little in the container (about 5 min) except for fast setting adhesives, where this time is shorter. Then stir again a little and after of this material is ready to use.
- When you prepare the material is prohibited to add more water in order to correct the workability or diluting the paste to any coagulation.
- Is recommended a journal and light stirring during of application in order not "catching skinned".

## APPLICATION OF ADHESIVE

- If this is for tile adhesive on floors, place an amount of adhesive depending on the the surface. Then combed with a notched spatula in order to be a uniform spreading of adhesive. The dimensions of the teeth of the spatula depend on the size of the tiles. For big tiles used spatulas with big teeth.
- If this is for masonry, place the adhesive on the wall (previously primed if requires the basis - see table of applications) with spatula and at the same time combed.
- Next place the structural elements (tiles etc.) on the surface. When appropriate use appropriate drivers (crosses, etc.).
- With the adhesives of THRAKON the placement of tile on the wall can start from top to bottom, without any slippage and destruction of joint, avoiding to have trimmed tiles in the visible part (top) of the masonry.
- After applying the elements in their place pushing or where appropriate hit slightly in order to ensure a complete contact of their entire surface with the adhesive.
- There is the margin and after the placement elements in their place, become small corrections (see the correction time for each adhesive separately).
- The tiles can be place for about 20 minutes after the adhesive coating on the surface. This is the open time of adhesive (see the open time for each adhesive). This time should be checked periodically, because it can be affected by basis, the prevailing conditions, etc. A practical way to control the open time is touching the fingers of your hand the surface of the adhesive and to observe if weld material over them. If there is no welding or if "catching skinned" must remove the adhesive and place new ones.
- We must avoid applying the adhesive under conditions of heat or frost (ideal conditions +5 °C to +35 °C). After the development of strength the Adhesive can afford and in higher and in lower temperatures.
- For other, specific adhesives and applications, the process is formed at case. In the same time consult the separate publications of the company and technical department.