

WET ROOMS

TECHNICAL PROBLEMS

Wet rooms (bathrooms, showers, swimming pools, laundries) must be waterproofed and impervious to water vapour: water leaks can cause large amounts of damage.

TRADITIONAL SOLUTION

Tiling: not waterproof at joints

Traditional waterproofing + mortar or concret slab + tiling: complex solution, difficult to install (at pipe crossings) and expensive. Very difficult to repair after a waterproofing fault.

Lead sheet before installation of concrete and tiling: difficult laying technique, effective but expensive

SOUPLETHANE TECHNIQUE

SOUPLETHANE is applied to a thickness of about 1.5 mm, with sand sprinkled on the last coat before laying tiles with mortar glue if tile finish is required.

Otherwise SOUPLETHANE will be applied at a thickness of about 1 mm on walls and 1.5 mm on the floor with skid resistant treatment (POUDREC powder).

Vertical corners and pipe crossings will be rounded.

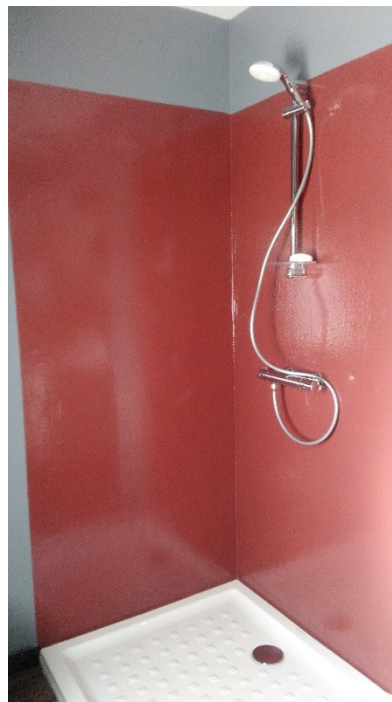
Advantages:

- Easy to apply
- Waterproofing easily accessible if repair is necessary
- 2 mm wide cracks can be bridged if concrete cracking occurs.
- Resistant to thermal shocks (hot water)
- SOUPLETHANE is also a vapour barrier, preventing diffusion of steam in walls and the consequent damage.

TEST REFERENCES

- Concrete cracking resistance test: LCPC laboratory
- Tile glue bond test: Cegecol

Waterproofing



SPECIFICATION

• prepare the substrate:

Grind and clean concrete and metal (pipe crossings)

• apply SOUPLETHANE:

Impregnate the concrete with a hardening primer for concrete (1 l/7m²).

Apply 2 or 3 coats of SOUPLETHANE with a roller, to the required thickness.

- rounded treatment of corners with a resin putty or cover with a glass fabric
- sand sprinkled on the last coat (to refusal) before laying tiles with glue mortar
- or sprinkle POUDREC powder on the floor if the coating is not protected by tiles.
- application of a thin layer of resin on the POUDREC powder to seal the grains.

QUALITY CONTROL

- visual inspection and correction of all defects (holes, poor corner treatment,)
- if possible, flood and search for leaks.

• SOUPLETHANE:

- check the adhesion of the coating, that it is of even thickness, and that the film quality is compliant (no holes, pores or blisters, etc.).

WORK REFERENCES

- Charles Foix Hospital, Paris
- Cochin Hospital, Paris
- Ecole Normale Supérieure (University School – rue d'Ulm)
- Saudi Oger
- Handicapped persons center, Bd. Kellermann, Paris
- Bouygues: housing program in Vincennes