Tender Specification

Basic Cleaning and Application of a Nanocomposite with a Minimum Stability and Effectiveness of 2 Years

Preliminary Remarks

- For all natural and artificial stone surfaces
- Old and new stone surfaces
- Matte and glossy surface hardening
- Indoor and outdoor surfaces
- With examples of proven effectiveness of 5 years

The following surfaces can be treated:

- Floors, walls, stairs, baseboards
- Windowsills, fireplaces, tables, wash basins, kitchen countertops
- Bathrooms
- Terraces, sidewalks
- Garage floors, driveways, swimming pool edges
- Masonry, plinths, sculptures, fountains
- Concrete or mineral roof tiles

Suitable for the following materials:

- All natural and artificial stones, incl. concrete
- Industrially manufactured mineral floor surfaces, and objects manufactured by wet casting.

1st Step - Basic Cleaning, Cleaning

Basic cleaning of the surface with a suitable detergent

After completion of the cleaning operation, the surface has to be free of dust, stains, streaks and other residues.

_____m² floor / wall area	_____ per m²
_____running meter, steps	_____€ per running meter
_____running meter, plinth	_____€ per running meter
_____m² other areas	_____€ per m²

2nd Protective Coating

- Protective Coating Component A, with mineral nanocomposite coating (e.g. Lupo Clean® LC TEO mod. and LupoClean® LC A TEO)

  Application of a mineral nanocomposite coating, consisting of a base component with mixed in components resulting in:

  < Establishment of hydrophobicity
  < Establishment of oleophobicity
  < Establishment of the chemical bonding to the stone or the subsurface
  < Conservation of diffusivity by physicochemical establishment of a nanomembrane effect by means of xerogels.
  < Resistance to graffiti removal (as compared to conventional products)

- Protective Coating, second component B, with mineral nanocomposite coating (e.g. LupoClean® LC B AT and LupoClean® LC B AT Kat.)

  Application of a second nanocomposite coating component with added catalysts for attaining the following characteristics:

  < Establishment of slip safety
  < Establishment of wear resistance
  < Establishment of resistance against acids, alkali solutions and disinfectants
  < Conservation of the diffusion capability by formation of a sphere packing for the dissipation of osmotic pressures from the stone's pores.

_____m² floor / wall area	_____ per m²
_____running meter, steps	_____€ per running meter
_____running meter, plinth	_____€ per running meter
_____m² other areas	_____€ per m²