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# **COMMERCIAL OFFER**

The Ukrainian enterprise "VALGER" for a long-term and mutually beneficial cooperation in the field of protecting civil and building structures from aggressive chemical and biological influences, is looking for a business partner in countries where is a negative temperature, high humidity or developed oil-extracting industry.

The enterprise "VALGER" offers materials of the penetrating action of the new generation "HYDROEFFECT" on the basis of nanotechnologies (1. hydrophobizator and 2. additive to concrete F400) that were designed to protect concrete, bricks and other building materials from water, biocorrosion and aggressive environment. The principle of their action consists in multiple reduction (in tens and hundreds times) of water absorption by building materials, and in the same time retaining their gas and vapor permeability which allows the material to "breathe" and easily repel the water.

Such effect protects buildings from capillary rise of moisture, penetration of rainwater, destruction in freeze-thaw cycles or solutions of salts and acids. **The durability of the effect is for decades.** 

### 1. Hydrophobizator

## **Description:**

**Used for** the treatment of external surfaces of artificial and natural mineral materials in order to protect against penetration of any kind of liquid.

**Influence technology:** the hydrophobizator is absorbed into the depth of material by 20 mm, where it is structured and does not pass any liquid substances (water, oil, gasoline etc.). **Usage:** 

## a) From destruction, icing, water penetration:

Roads, sidewalks, bridges, runway strips, concrete canalizations, walls and facades of buildings, roof ceilings without roofing materials as ruberoid, balconies, cellars, bomb shelters, museums and architectural monuments; well walls during oil and gas production, etc;

#### b) For protection of

- surfaces from drawings, graffiti;
- wooden surface from spoilage and burn-out under direct sun beams;
- from salting;
- clothes and footwear from water penetration;
- from ultraviolet rays (has the effect of anti-glare).

**Product Certification:** TUV Rheinland (Germany)

**Possibility for exporting:** 300–450 tons / month (*by auto, railway, sea, air*)

**Fire hazard:** non-flammable liquid, there's no hazard

**Minimum lot for order:** 1 to

**Tare:** cans of 20 ltr / tonner containers

**Terms of payment:** 100% prepayment

#### 2. Additive to concrete F400

## **Description:**

It is added during production of concrete for protection against moisture penetration into the material.

Additive F400 allows saving up to 30% of cement or increase the strength of concrete by 40%. There is no need to use plasticizers, which allows increasing the time of using the concrete mixture till 1 day (not 3-4 hours as usual).

One of the main advantages of the additive is that the concrete becomes hydrotechnical and the reinforcement in it is not susceptible to corrosion.

**Product Certification:** TUV Rheinland (Germany)

**Possibility for exporting:** 300–450 tons / month (*by auto, railway, sea, air*)

**Fire hazard:** non-flammable liquid, there's no hazard

**Minimum lot for order:** 1 ton

**Tare:** barrels / tonner containers of 200 ltr

**Terms of payment:** 100% prepayment

We hope for a long and mutually beneficial cooperation!

Best regards,

General director Mykhalyova I.