

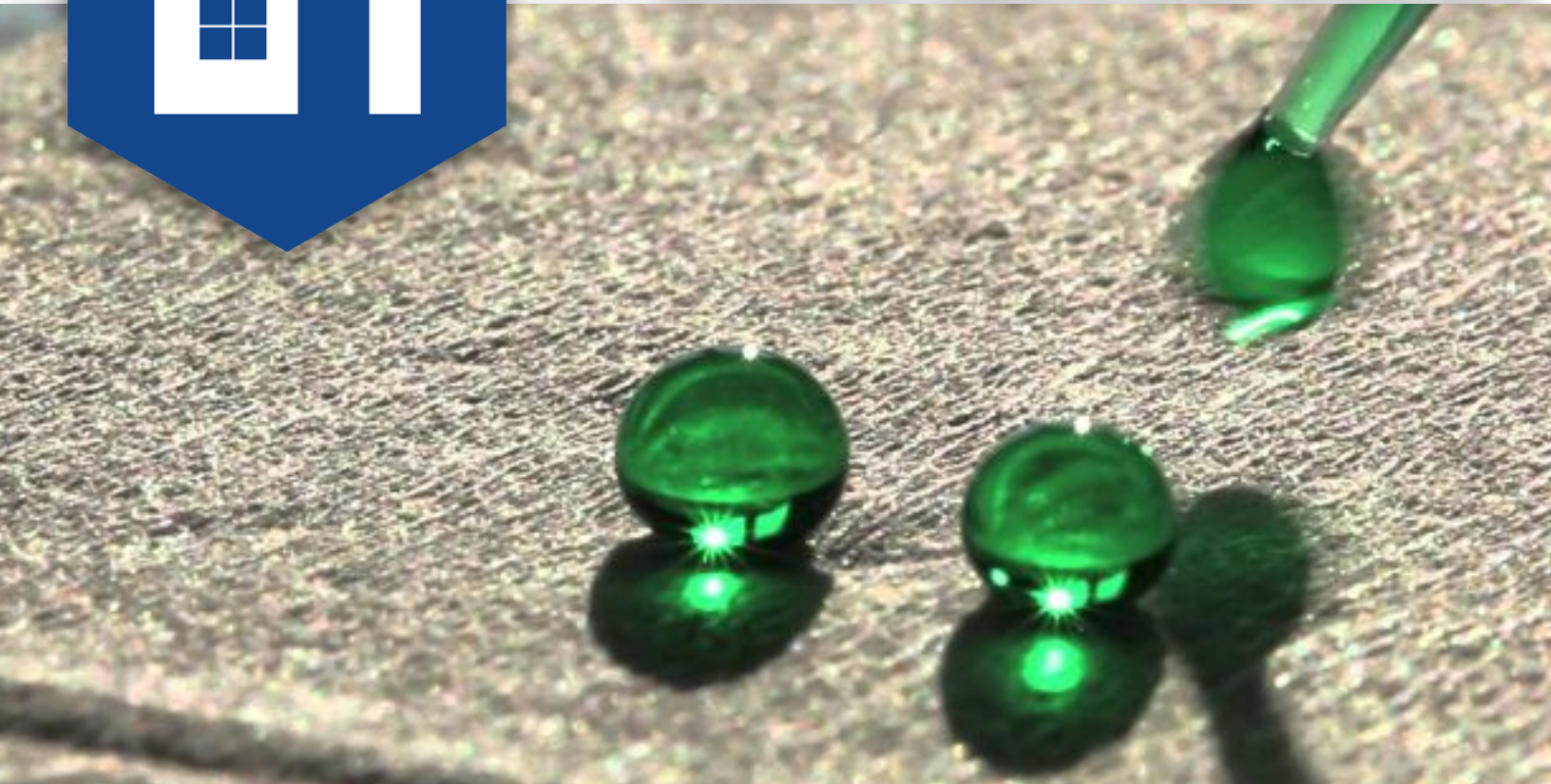
# NANO COATING

## NANO SYSTEM MS

SPEEDUP INTERNATIONAL D.O.O.  
Tadeuša Košćuška 30, 11158 Beograd  
Tel: +381 63 375 899  
speedup.belgrade@gmail.com  
[www.nanotehnologije.com](http://www.nanotehnologije.com)



FOR THE USE ON > POROUS MINERAL SURFACES (CONCRETE, NATURAL STONE, TERRACOTTA, FACADES, INTERIOR WALLS)



WATER DROPLET STANDING ON A POROUS SURFACE PROTECTED BY NANOTECHNOLOGY

**FEATURES:** Ultra thin nano layers provide effective protection against water, oil and various impurities giving them the effect of self-cleaning surfaces. Nano System MS is intended for use on porous surfaces that are characterized by a pronounced absorption characteristics. Because of its specific formulation product can be used as invisible and UV-resistant shield against moisture and dirt on natural mineral surfaces such as stone sandstone, concrete, porous ceramics, tiles, bricks and various stone coverings.



### BENEFITS:

- Water repellent with lotus effect
- Colourless (optically neutral)
- Less cleaning effort and much better cleanability
- Breathable
- Hygienic cleanliness
- Protects the environment

**CONSUMPTION:** 25-50ml / m2

**LASTING NANO PROTECTION :** 1-3 years, depending on frequency of cleaning cycles



# NANOTECHNOLOGY

## HYDROPHOBIC AND OLEOPHOBIC



NANO COATED

UNTREATED VS NANO PROTECTED CONCRETE

### ADVANTAGES

- Do not affect the external appearance of the material (thickness: 100-150 nm)
- A strong hydrophobic and oleophobic properties
- Nano coating is formed and fully stabilized at ambient temperature without additional energy or using UV light
- Resistance to washing under high pressure (50-60 bar)
- Excellent efficiency with low fuel consumption
- Without influence to the existing background color
- Resistance to high temperature
- Full resistance to frost and cold

### OTHER POSITIVE EFFECTS

- Liquid contamination through the material pores is not possible
- Treated surfaces are easy to maintain
- Nano layers do not close the existing material pores and allow natural air circulation through them
- Drastically reduce the possibility of the formation of mold and fungi
- Extended service life of the treated surfaces because of less frequent cleaning intervals
- Extended protection of the surface structure of the material



**EASY TO APPLY**  
Spray and wait for 24h



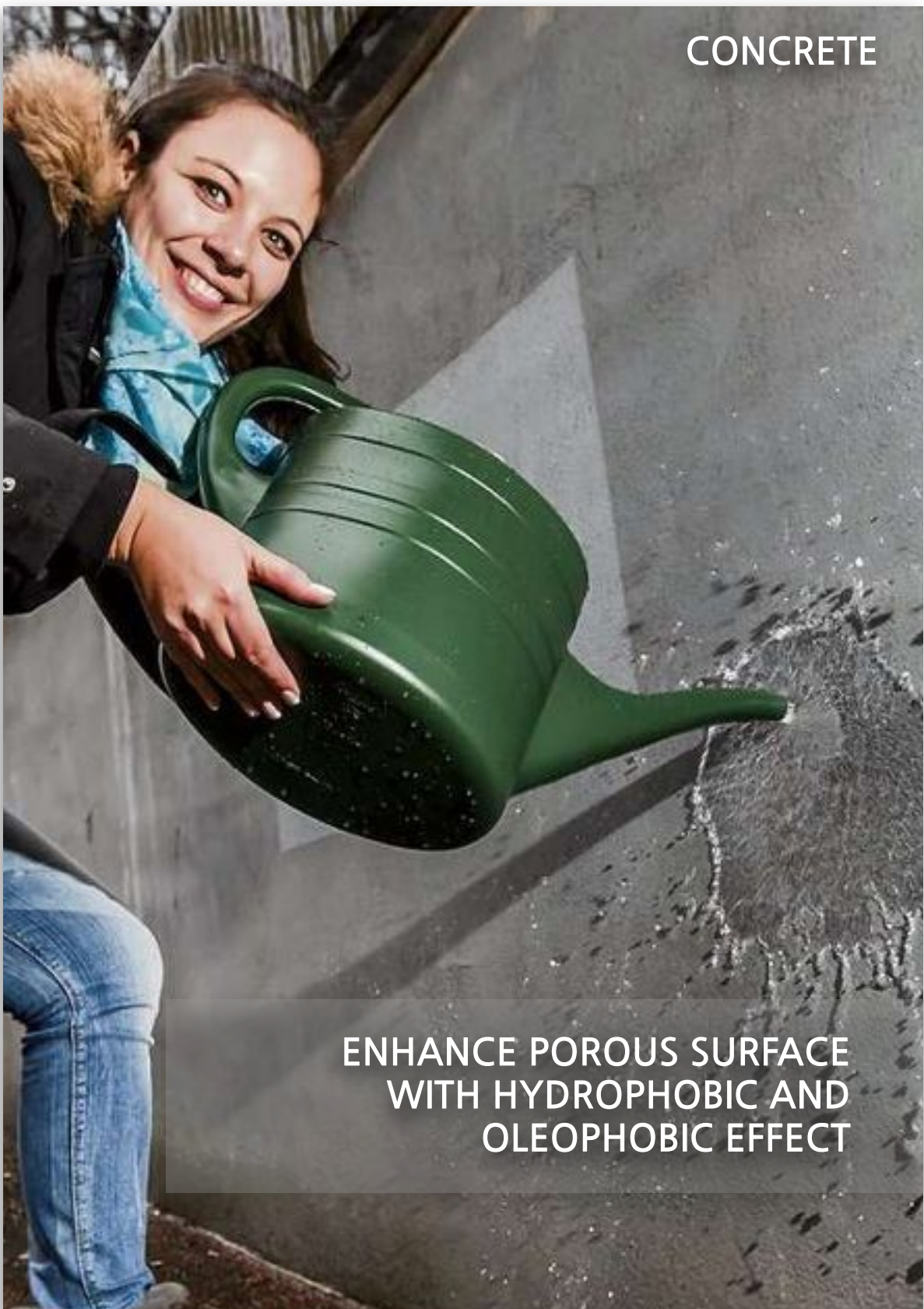
WATER BOUNCING OFF HYDROPHOBIC NANO COATED MATERIAL







TERRACOTTA

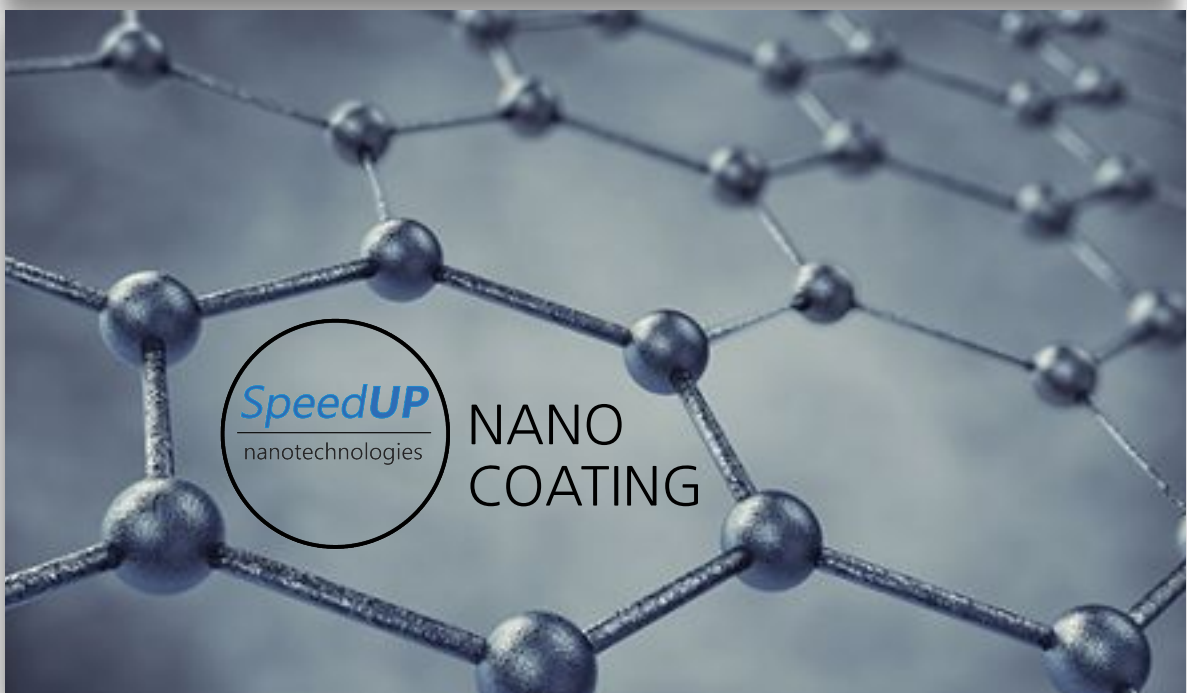


CONCRETE

ENHANCE POROUS SURFACE  
WITH HYDROPHOBIC AND  
OLEOPHOBIC EFFECT



BRICK



SpeedUP  
nanotechnologies

NANO  
COATING