MODERN TECHNOLOGY (CPC "BRIT") FOR COLOR NAVIGATION ON ROAD INFRASTRUCTURE AND MFZ OBJECTS

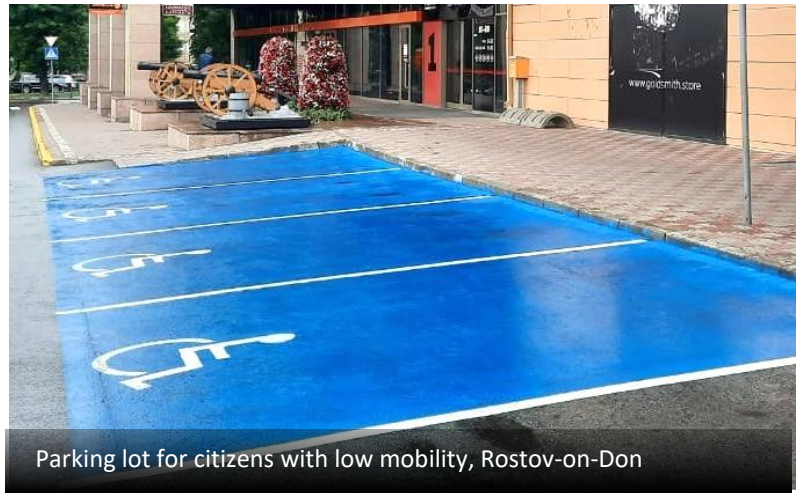
TECHNOLOGY ADVANTAGES:

- **FAST APPLICATION**
  cold application
- **2-5 HOURS**
  material stabilization
- **ANY COLOR PALETTE**
- **SEPARATES PEDESTRIAN AND CYCLIST FLOWS**
- **CONCENTRATES THE ATTENTION OF THE PARTICIPANTS OF THE MOVEMENT**

COLOR PALETTE

Parking lot for electric vehicles, Belarus


Bicycle path, Boris Losev Park, Khanty-Mansiysk


Parking lot for citizens with low mobility, Rostov-on-Don


Parking lot for low mobility groups of population, St. Petersburg

COMPARATIVE ECONOMIC EFFICIENCY

COST OF CPC "BRIT" FOR THE WHOLE AREA OF PARKING SPACES PER MFZ

3.1 mln. rubles.
Coverage area 2300m2

- ✓ EASY AND FAST APPLICATION
- ✓ CAN BE APPLIED BY HAND
- ✓ MODERN WEAR-RESISTANT MATERIAL
- ✓ NO MAINTENANCE COSTS
- ✓ EASY RECOATING
- ✓ HIGH ADHESION

COST OF CRUSHED STONE-MATIC ASPHALT CONCRETE SMA-16 USING TRANSPARENT BINDER AND COLORING PIGMENT

9.5 mln. rubles.
Coverage area 2300m2

- COMPLEX APPLICATION TECHNOLOGY
- SPECIALIZED EQUIPMENT IS REQUIRED
- CARD MILLING IS REQUIRED
- UNSUSTAINABLE REPAIR COSTS

MANUAL AND MECHANIZED APPLICATION IS POSSIBLE

THE EFFECTIVENESS OF MECHANIZED APPLICATION HAS BEEN PROVEN AT THE OBJECTS OF APPLICATION

- Reducing the CPC "Brit" consumption
- Significant increase in the speed of work
- The ability to work on large transverse and longitudinal slopes
- Improving the technological efficiency and culture of work production

COLOR PROTECTIVE COMPOSITIONS “BRIT” ARE RESISTANT TO ABRASION, MAINTAIN THE COEFFICIENT OF ADHESION WITH THE SURFACE

2.

the service life of CPC "Brit" at the objects of the urban bicycle infrastructure

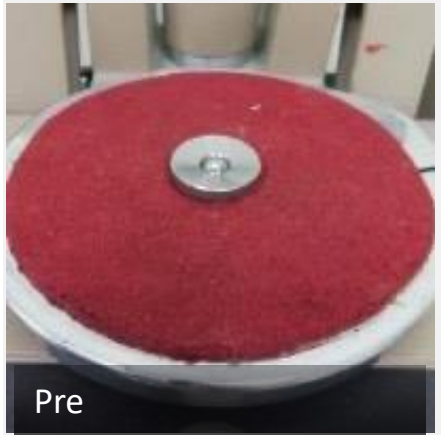
Belgorod, sports ground

1 Abrasion resistance tests according to the Taber method

Quantity of test cycles: 1,000 times

Essence of the test

Evaluation of coating resistance to wear
under continuous rotational abrasive action


Pre


Post

2 Tests for measuring the coefficient of adhesion

On different coatings BEFORE and AFTER the application of CPC-P “Brit”

Essence of the test

Evaluation of traction properties of CPC-R surfaces using the equipment of PPK-MADI-VNII BD MIA GOST 33078-2014

STANDARD VALUE

GOST 32753 - 2014
Adhesion coefficient of CPP >/= 0.45

ACTUAL VALUE

Independent Laboratory “DIL”
after applying CPC-P - 0.55

MATERIAL CONSUMPTION

SUGGESTED APPLICATION RATE

WHEN APPLIED MECHANICALLY

- single overlap : 1 kg - 2.0 kg per 1 m²

Material consumption depends on the porosity of the substrate and may differ at the application sites

IMPORTANT

ADJUST THE CONSUMPTION RATE ON SITE

- by test spreading the composition over the surface of the pavement in an area of 1 m²

SITE PREPARATION

WHEN APPLYING CPC-P "Brit"

- The surface must be cleaned of dirt, dust and other debris