

DUROCOLOR

colored surface hardener premix

DUROCOLOR is a pigmented, enriched by special additives, ready-to-use surface dry shake hardener for colored, aesthetic floor construction.

It provides a homogeneous colored, shiny surface, when finished together with the fresh concrete floor. Factory premixed, graded, high hardness grind, which contains corundum, cement binders and aggregates. Two versions available: normal DuroColor and – with increased corundum content – DuroColor KS. Natural grey colored version is sold as DuroTop.

AREAS OF USE

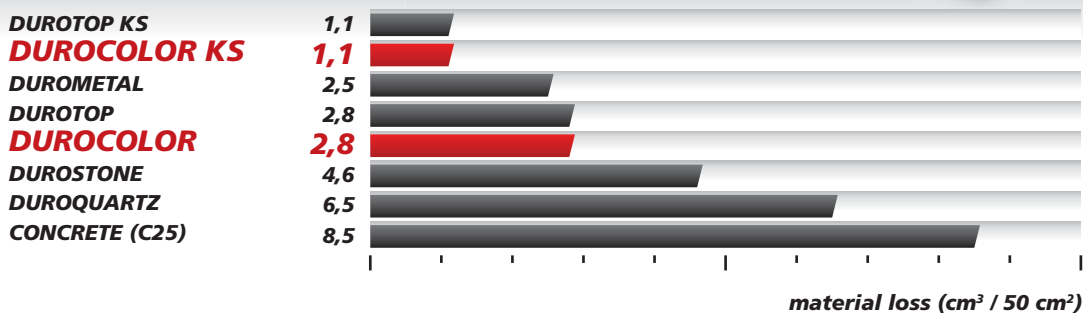
- Cash&carry stores, supermarkets
- Hardware stores
- Industrial buildings with high aesthetic requirements
- Parking buildings, garages
- Showrooms

PRIMARY FEATURES

- Wide range of colours
- Aesthetic, shiny surface
- Exceptional abrasion resistance
- Shock resistance
- Dust free
- Easy to clean



BÖHME ABRASION RESISTANCE



Product description



DUROCOLOR is specially designed to construct floors for exclusive requirements. Different colored, shiny, surface floors can be created. The basic colors are listed on the color-card at the end of this catalog. In case of special requirements, additional colors are also available.

DUROCOLOR is available in standard and **PLUS** variations.

FEATURES

- Homogeneous, aesthetic and shiny surface
- Extremely hard, abrasion resistant surface
- Impact resistant
- Easy to clean and maintain
- Dust free
- Non-slippery
- Can be used in food processing facilities
- Non-flammable

TECHNICAL DETAILS

DUROCOLOR

- Abrasion resistance by MSZ EN 13892-3:
Böhme = 2,8 cm³/50 cm²
- EU Abrasion classification: A3

DUROCOLOR KS

- Abrasion resistance by MSZ EN 13892-3:
Böhme = 1,1 cm³/50 cm²
- EU Abrasion classification: A1,5
- Compressive strength: ≥ 60 N/mm² after 28 days
- Flexural strength ≥ 7 N/mm² after 28 days
- Hardness by MOHS scale: 8-9

INSTALLATION

This is a wet on wet technology, which assures the perfect binding between the concrete and the dry shake hardener. Therefore, the installation of **DUROCOLOR** is carried out simultaneously with the laying of the new concrete surface.

MANUAL SPREADING

The fresh, step resistant concrete should be pre-polished to ensure that moisture comes up to the surface. Then the specified amount of **DUROCOLOR** hardener should be spread evenly onto the surface in two to three layers. The spreading process can be carried out by either a manual spreading cart or by a shovel.

USING A SPREADER MACHINE

After levelling the surface with a Laser Screed, **DUROCOLOR** should be spread directly on to the fresh concrete in one or two layers.

SLURRY APPLICATION

DUROCOLOR should be blended with water on the job-site (6 kg/liter) and spread on the step resistant floor after pre-polishing process. For slurry application, only **DUROCOLOR PLUS** version can be used.

MATERIAL REQUIREMENTS – LAYER THICKNESS

Manual spreading:	4-7 kg/m ²	2-3mm
Machine spreading:	4-10 kg/m ²	2-4mm
Slurry application:	10-17 kg/m ²	4-7mm

DUROCOLOR FLOOR FINISHING PROCESS

This part of the **DUROCOLOR** installation process is done by either hand trowels and/or by double disc power trowel machines until the surface becomes smooth, hard and shiny. The quality of the floor can only be ensured, if the installation instructions are followed properly. (Please read our detailed Installation Guide.)

CURING – AFTER CARE

DUROCOLOR floors need to be protected against the quick evaporation after the polishing process. A curing agent should be applied immediately after the finishing operation in order to avoid cracking. We suggest **DUROCURING** as a curing agent.

JOINTS

To fill the saw cut joints, we are offering **DUROPLAST** PVC joint profile strips.

FIRST TIME USE AND MAINTENANCE

Before the use of the new floor can begin, the following drying periods and precautions must be obeyed:

Pedestrian traffic: 2 days.

Light traffic: 7 days.

Intended normal traffic: 28 days.

For cleaning purposes, use only Ph neutral detergents.

Please refer to our maintenance manual.

PACKAGING

In bags of 25 kg on 1200 kg capacity pallets.

STORAGE

The shelf life of **DUROCOLOR** is 12 months, when stored in dry and non-frost, cool conditions.

Warning!

This product description is based on laboratory tests and on the results of our own experiences. Material consumption and installation process can be influenced by additional circumstances of the application process as well. The contractor responsible for the application should verify our prepositions by a preliminary test and ensure that the conditions of the installation are ideal. We do not take any responsibility for any damage caused by defective installation. For security measures, please ask us for the product safety data sheet.

*Detailed description of PLUS Version: Page 24. Design Guide