

Colour technology

## CARBOLINE BROWN BK 20

- > good weatherproofing
- > quick-drying



### Product description

Tar-oil-free impregnating agent for exterior wood coatings. Good drying, high penetrability, good weatherproofing (pearling effect) and weather resistance.

Resistant to bacteria and fungus.

Stir the content of the container well, keep the container sealed tight after use. Remove dust, dirt, grease and wax from wood. Process with brush, roller or sprayer. Suitable for painting of hunter fences, pergolas, stakes, palisades, wooden sheds, etc.

### Delivery format

Container	Outer packaging	Pallet
25 L / KST	-	24 KST
5 L / KST	-	84 KST

### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 1095 days

### Processing

#### Recommended tools

suitable painting tools

#### Mixing

Stir the content of the container well.

#### Processing

Processing can take place by painting, watering or spraying tunnel treatment. If possible, only dry wood with a moisture content of under 25% should be impregnated in order to achieve deeper penetration of the protection agent. Optimum processing temperature: +10 °C to +30 °C

Processing types:

SO = painting, spray tunnel treatment, brief immersion, flooding, but no manual spraying or splashing.

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T = immersion (immersion time 20 minutes to several hours)

L = trough or adjustment impregnation (treatment time several hours to several days)

### Technical data

Density	approx. 0.75 g/cm <sup>3</sup>
Viscosity	12 - 15 sec. in 4 mm DIN beaker (DIN 53211)
Colour	natural brown
Consumption	250 ml/m <sup>2</sup> per coat
Drying time	Dry after approx. 2 hrs., fully dried after 12 - 24 hrs. (depending on the absorbency of the substrate and the coating quantity applied)
Gloss level	satin finish
Solid body weight % bw	8 - 9 %

### Substrate

#### Suitable substrates

The max. wood moisture content is 15%. Woods which are rich in resin, especially tropical woods, are to be washed with cellulose thinner. For renewed coatings of the substrate, check suitability as a coating carrier. Remove non weight-bearing old paints, grind intact old paints. Grind defective spots down to the healthy wood. Clean again after grinding.

### Product and processing instructions

#### Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.

#### Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

#### Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

## Safety instructions

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.
- Breathing protection: Wear breathing protection in case of inadequate ventilation.

Hand protection: protective gloves.

Glove material

- Butyl rubber
- Nitrile rubber

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: tightly sealed protective goggles.

Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

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