

# Manual

## REPHALT®

### Areas of application:

- To be applied on roads of all load categories in layer thicknesses from 5 to 50 mm per layer. (REPHALT 0/2 5-20 mm, REPHALT 0/4 15-35 mm, REPHALT 0/8 25-40 mm, REPHALT 0/11 30-50 mm).
- Filling of potholes and drill core holes, leveling of height differences.
- Repair work on drainage and stone mastic asphalt as well as thin-layer surfaces (e.g. on highways).
- Primarily suitable for leveling works. especially after sewer manhole repairs.
- For use in building construction, e.g., for the construction of small ramps in fork-lift truck driveways, for repairing breakouts in concrete or mastic asphalt floors, cracks, etc.
- For the use around railroad stations (platforms, etc.).
- Filling of milled pavements (layer thickness min. 5 mm).

### Properties:

- REPHALT® is an adhesive asphalt mix composed of a fine granulation and a special binder with curing properties.
- REPHALT® is processed cold and hardens after homogeneous mixing with water at temperatures around 20°C within approx. one hour - depending on the ambient conditions - but can be driven on immediately after compaction.
- REPHALT® in the cured condition is like a cooled "hot mix" and has excellent stability.
- Coatings of REPHALT® can be overlaid normally. There is no flux oil bleed-through as with conventional cold mix.
- REPHALT® is environmentally friendly, consists exclusively of environmentally friendly raw materials and is recyclable.
- REPHALT® does not contain any solvents that are volatile.
- Rain after installation does no harm, still workable at temperatures below 0°C (remove ice from installation site).



For optimum adhesion, pretreatment with REAKTIV PRIMER / SPRAY PRIMER is recommended.



Mix REPHALT® homogeneously with approx. 2 M% water and then apply to the damaged area.



Use a rake or a trowel to lay the repair asphalt slightly above the surface.



Compact well using a tamper. For larger areas, a roller or vibratory plate compactor is recommended.

### **To be observed during processing:**

- The surface must be clean, free of loose particles and dry or slightly damp. Generally, sweeping the surface thoroughly is sufficient.
- The temperature of the surface may be warm in midsummer to cool in late autumn. REPHALT can also be applied at temperatures below 0°C. These more severe conditions require additional measures, e.g., removal of ice from the potholes. For better workability, prepare REPHALT in a warm room.
- REAKTIV PRIMER should be applied to the base or edges of the old pavement. This is applied to the substrate with a dry brush or as a spray primer and REPHALT installation can be started immediately.

### **Consumption:**

Approx. 22-24 kg/cm and m<sup>2</sup> with appropriate compaction.

### **Cleaning:**

Processing devices can be cleaned with biodiesel or rapeseed oil.

### **Storage:**

Limited shelf life. Store in a cool and dry place - not outdoors and not under direct sunlight!  
Damaged packaging or overstorage leads to slow curing due to air humidity.  
Process these containers immediately if possible.

### **Further information:**

- Partially emptied packaging should be processed quickly, as air humidity causes curing in the packaging.
- Binder residue on the bottom does not represent a defect of the product.
- Simply mix it homogeneously into the remaining product.

Observe the **REPHALT® Safety-data sheet**