

SWARCO REPAIR FLAKES

THERMOPLASTIC GRANULATE FOR ROAD REPAIR



SWARCO Repair Flakes enable fast, simple and durable repair of pavement damage. The thermoplastic granulate is applied directly into joints, cracks or small potholes and liquefied by heating, allowing the material to bond optimally with the substrate.

Pavement repairs can be carried out without specialized machinery – only a broom and a gas burner are required. Repaired areas can be reopened to traffic within just a few minutes.



ADVANTAGES AT A GLANCE

- **Fast application:** Quick and simple repair process with minimal preparation
- **Rapid reopening:** Traffic-ready within minutes after cooling
- **No specialized equipment required:** Only a broom and gas burner needed
- **Strong adhesion:** Excellent bonding with asphalt and concrete surfaces
- **Versatile use:** Suitable for cracks, joints, and small potholes
- **Preventive maintenance:** Helps extend pavement lifespan and avoid major repairs



APPLICATION INSTRUCTION



1. PREPARE TOOLS

Use a stiff broom and a gas/heat torch.



2. CLEAN THE AREA

Thoroughly clean the damaged surface. Remove dust, sand, dirt, loose asphalt and debris by sweeping.



3. PRE-HEAT THE SURFACE

Heat the pavement with the torch to dry the area and remove moisture. The surface should become slightly warm and dry — this ensures proper bonding.



4. APPLY FIRST LAYER

Fill the pothole or crack with SWARCO Repair Flakes.
Maximum layer thickness: 5 mm



5. MELT THE MATERIAL

Heat evenly using steady movements:

- Temperature: > 240 °C
- Torch distance: 20 - 40 cm from the surface

Continue heating until the material becomes fully liquid.



6. LAYER IF REQUIRED

If the damage is deeper than 5 mm:

- Make sure the first layer is melted
- Add another layer of SWARCO Repair Flakes
- Heat again until fully melted



7. FINAL TREATMENT

Ensure all material is completely melted and bonded. While still hot, sprinkle glass grains onto the surface for skid resistance.



8. COOLING & REOPENING

Allow to cool for 5 - 10 minutes. Before reopening to traffic, check that the surface is firm and solid.



SCAN QR CODE

for technical information and application video