



CARBOFILL **PHENOLIC** **RESIN FOAM.**

Minova CarboTech GmbH | www.minovaglobal.com/emea-cis



HIGH FOAMING FIRE RESISTANT.

Carbofill is a fast reacting dual-component phenolic resin foam which starts foaming immediately on mixing and exhibits excellent physical properties.

Carbofill contributes to improving operational safety and efficiency in mining and ensures a significant reduction in roof falls in coal and stone mines.

- Easy to apply with no or minimal shuttering.
- Applied via hose, pipe or injection bolt.
- Can be installed directly into rock or various tubes, bags and hoses.

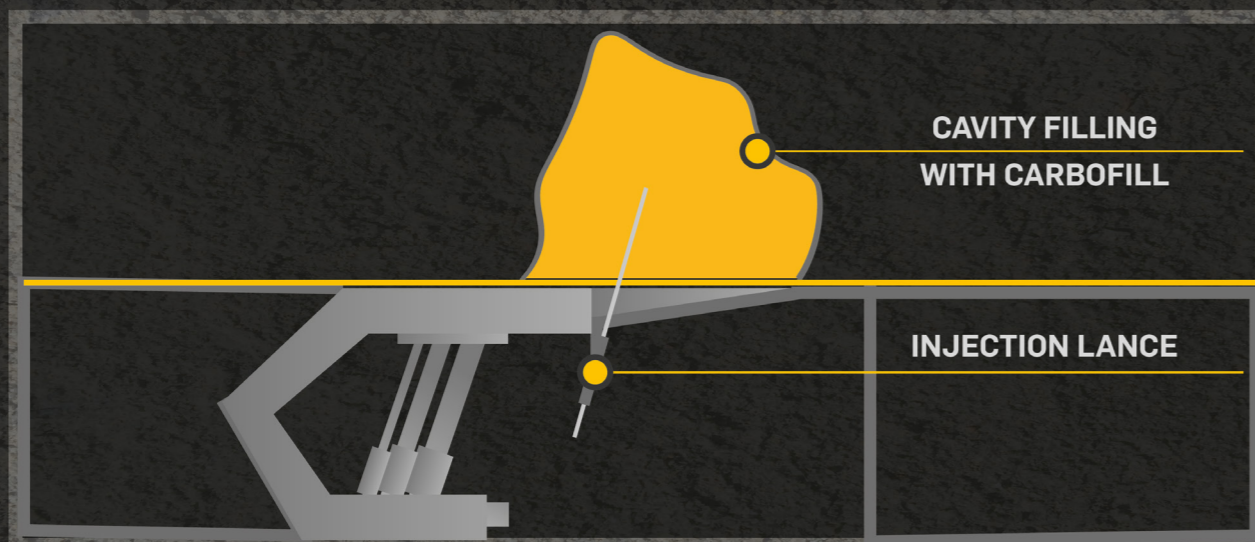
To apply Carbofill the A (resin) and B (hardener) components are pumped at a ratio of 4:1 via a two-component pump and hoses.

At the application site, the resins are thoroughly mixed via an in-line mixer and injected immediately.

Carbofill is compatible with Minova pumps that precisely control the processed volume of the product.

Minova specialists are available to either apply Carbofill or advise the mine installation crews.

CARBOFILL CAVITY FILLING.



CARBOFILL APPLICATIONS

- ▶ Filling excavations in drifts and longwalls
- ▶ Cavity filling to prevent gas accumulation
- ▶ Injection for rock stabilisation
- ▶ Stabilisation of burst material
- ▶ Sealing gas dams
- ▶ Fire fighting

BENEFITS

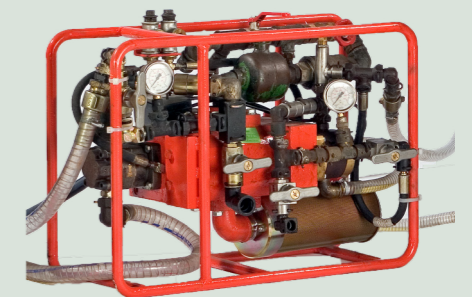
- ▶ Fire-resistant (LOBA approval)
- ▶ High foaming factor
- ▶ Low weight
- ▶ Reduced shuttering needs
- ▶ Easy handling
- ▶ High filling capacity
- ▶ Immediate strength development
- ▶ Low-emission of hazardous substances

COMPATIBLE PUMPS

Two pneumatically driven pumps are available for the on-site application of Carbofill



PHP piston pump for pumping distances up to approx. 800 metres



SK 90 gear pump for pumping distances of up to approx. 300 metres

SECURING PERFORMANCE. TOGETHER.

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