



POST OF 19/07/2026

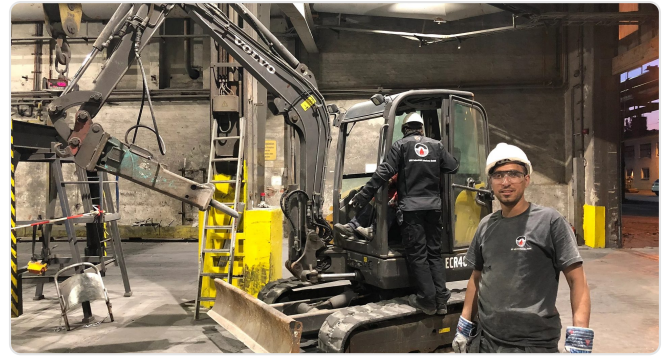
Substrate preparation: the hour before the lining goes in

The work step that nobody sees in the end decides adhesion — and with it the service life of the entire lining.

The true condition of the substrate can only be assessed after blasting; it often changes the scope of the repair. Anyone who cuts this step short builds the new lining onto a separating layer.

Checklist before every new lining

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| ☐ Infiltrated old material | break it out consistently — not just what is visibly loose |
| ☐ Deposits and slag | remove completely; assess the condition only after blasting |
| ☐ Anchors | are wear parts: replace them as a matter of principle, not only the visibly defective ones |
| ☐ Fine dust | vacuum it up instead of blowing it out — blown dust settles again as a separating layer |
| ☐ Steelwork | document cracks, distortion and corrosion on the shell before they are built in |
| ☐ Sign-off | inspect and record the substrate jointly before the first material is applied |

*Cleaning and demolition before relining**Thorough demolition of the old lining*

Common mistakes

- "Still looks fine": infiltrated material appears to bear load — until the first temperature change releases the boundary layer.
- Reusing old anchors because they are still standing — they have the same operating time behind them as the lining that was broken out.
- Cleaning with compressed air in a unit that is about to be lined.

PRACTICAL NOTE

Schedule the substrate sign-off as a separate item between demolition and rebuild — one hour with a written record. It is the cheapest moment to prevent the most expensive mistake.

Questions about your furnace?

We assess lining, zones and condition — with a reply within 24 hours on working days.

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