

About Slag ●

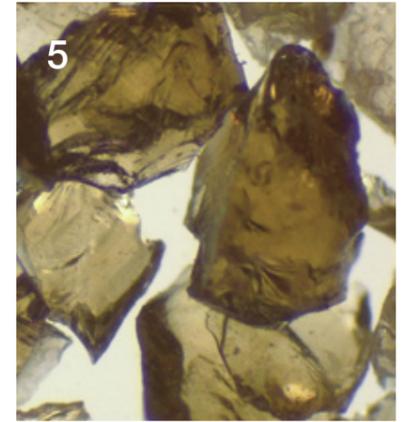
Longlisted	Dezeen Awards 2024
Winner	German Design Graduates Award 2024
Winner	European Product Design Award 2024
Winner	Talents – Masters of the Future 2024
Winner	GRASSI Award for Young Talents 2023

The jury was not only convinced by the impressive presentation and dramaturgy of the process, but also by the exciting research, application and creative translation of the material within a sustainable material cycle.

Jury statement, GRASSI Prize, Young Talent

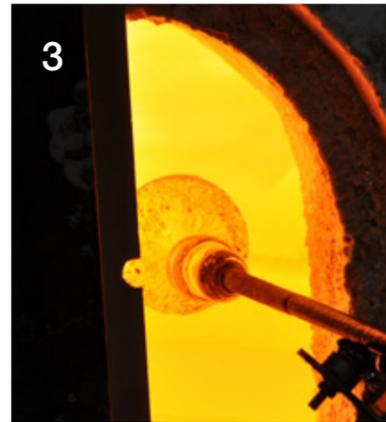
Slag, a complex mineral secondary product from the metal industry, is typically used in linear construction applications. ABOUT SLAG presents objects that illustrate alternative and circular uses of slag by incorporating the material into various craft and industrial settings through the use of a slag-based glass mass. This process not only transforms the abstract secondary product into a craftable, aesthetically controllable and circular state, but also substitutes key glass chemicals, saving precious resources and energy during production.





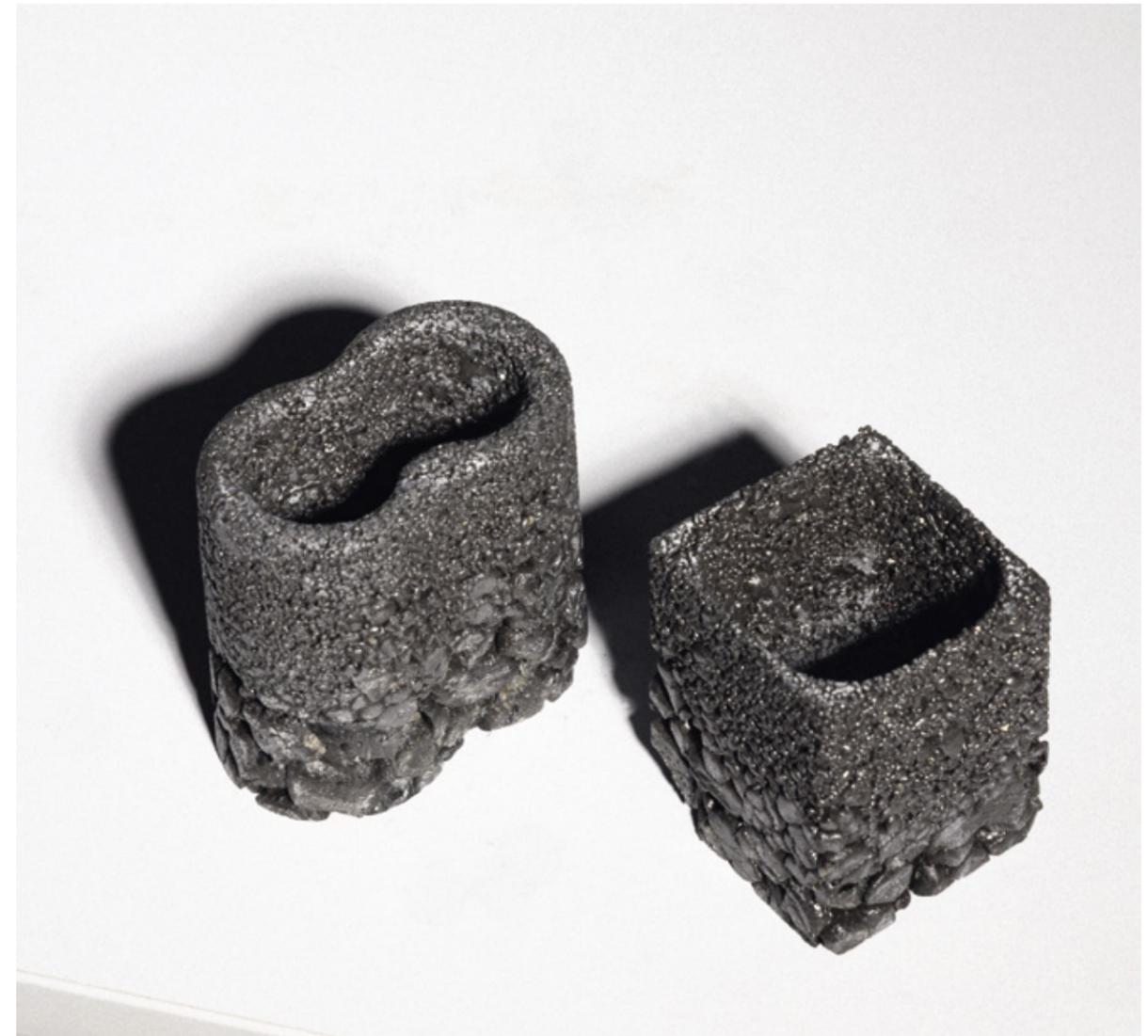
- 1 pouring of liquid copper slag, Mansfeld 1958
- 2 molten slag glass poured from a crucible
- 3 first melting test result
- 4 differently granulated slag glass fritters
- 5 closeup slag glass fritters

Its abundance, chemical composition and the historical aspects of slag imply that it could be beneficial for the use in the production of glass.



- 1 slag glass shards sintered in a plaster mould
- 2 preparations for enamelling bent metal sheets
- 3 glass blowing experiments
- 4 wooden mold for glass blowing
- 5 displayed range of experiments

After formulating and producing the right chemical mixture for the glass mass, it was processed in three different artistic procedures: glass casting, glass blowing and enamelling.



The resulting objects allow the vision of being scalable and transferable to areas such as container glass or architectural glass.