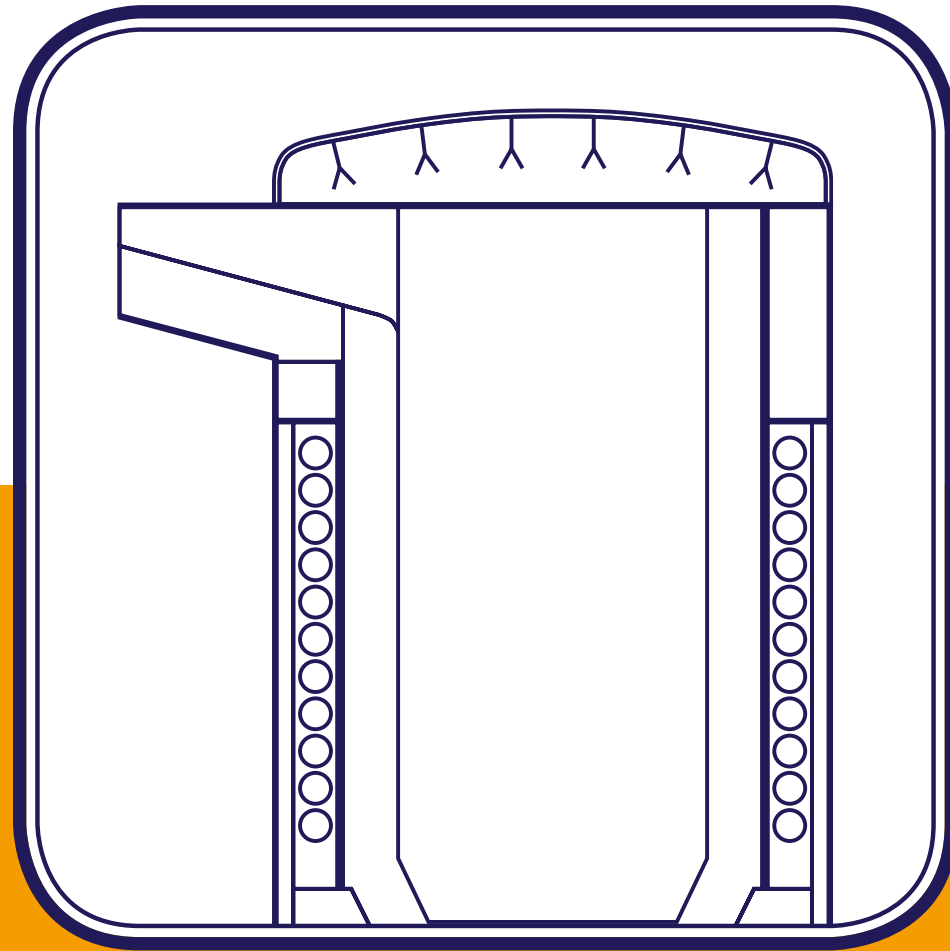


For over 100 years
Dörentrup is the partner for
the foundry industry
worldwide, built on
innovations and reliability.

Seit über 100 Jahren ist
Dörentrup innovativer und
verlässlicher Partner der
Gießerei-Industrie. Weltweit.



Coreless Induction Furnaces
Iron | Steel | Nickel | Special Alloys

Induktionstiegelöfen
Eisen | Stahl | Nickel | Speziallegierungen

Prefabricated Shapes:
DFP offers a big selection of prefabricated shapes. We also produce customized products on request.

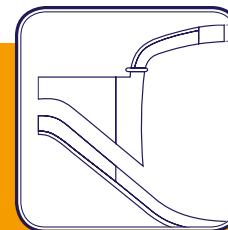
DORIT Prefabricated Crucibles:
Prefabricated crucibles, ready-to-install, are reducing the time required for installation and removal of the lining of coreless induction furnaces.

Fertigbauteile:
DFP bietet Ihnen ein breites Sortiment an Standard-Fertigbauteilen. Kundenspezifische Produkte fertigen wir gerne auf Anfrage.

DORIT Fertigtiegel:
Montagefertige DFP DORIT Fertigtiegel reduzieren die Zeit für Neuzustellungen von Induktionstiegelöfen.

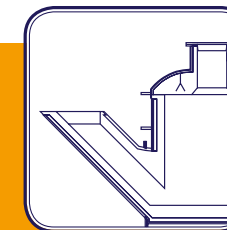
Lining Tools:
Having the right lining equipment is a must when it comes to effectively sealing refractory materials to guarantee an optimal service life of the lining. That's why our range of products includes all equipment for lining vessels and furnaces of all construction types.

Zustellgeräte:
Spezifische Zustellgeräte sind unverzichtbar, wenn es darum geht, Feuerfestmassen richtig zu verdichten, um so eine optimale Lebensdauer der Zustellung zu gewährleisten. Unser Angebot umfasst daher sämtliche Geräte für die Zustellung von Gefäßen und Öfen aller Bauarten.



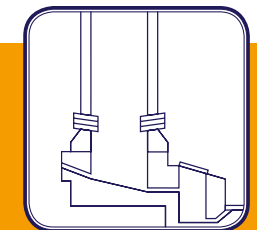
Ladles, Forehearth, Converter, Runners, Tundish
Iron | Steel

Pfannen, Vorherde, Konverter, Rinnen, Tundish
Eisen | Stahl



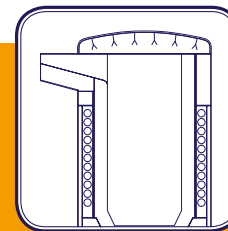
Holding and Pouring Furnaces, Inductors
Iron

Warmhalte- und Vergießöfen, Induktoren
Eisen



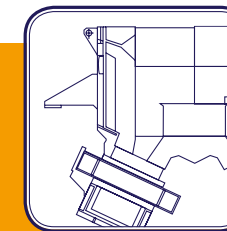
Cupolas, Rotary Furnaces
Iron | Steel | Enamels | Frittings

Kupolöfen, Drehtrommelöfen
Eisen | Stahl | Emaille | Fritten



Coreless Induction Furnaces
Iron | Steel | Nickel | Special Alloys

Induktionstiegelöfen
Eisen | Stahl | Nickel | Speziallegierungen



Melting, Holding and Pouring Furnaces,
Coreless Induction Furnaces, Inductors, Ladles
Non Ferrous | Copper | Copper alloys

Schmelz-, Warmhalte und Vergießöfen,
Induktionstiegelöfen, Induktoren, Pfannen
NE-Metall | Kupfer | Kupferlegierungen

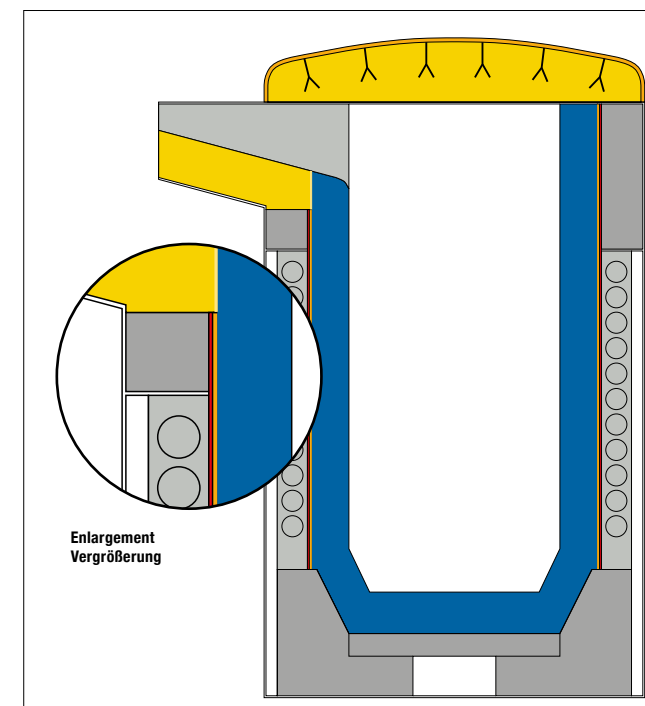


Melting and Holding Furnaces, Rotary Furnaces,
Coreless Induction Furnaces, Pouring Furnaces,
Ladles
Aluminium

Schmelz- und Warmhalteöfen, Drehtrommelöfen,
Induktionstiegelöfen, Vergießöfen, Pfannen
Aluminium

| Product Produkt | Chemical analyses [%] Chemische Analyse [%] | | | | | | Setting Bindung | MR MB [t/m³] | TOA AGT [°C] |
|--|---|------------------|-------|-----|------------------|--------------------------------|--------------------|--------------------|--------------------|
| | Al ₂ O ₃ | SiO ₂ | MgO | CaO | ZrO ₂ | Cr ₂ O ₃ | | | |
| Working lining Verschleißfutter | | | | | | | | | |
| DF 4 / DF 4 G | - | 98 | - | - | - | - | inorg. chem. | 2,1 | * |
| DF 4 G-G | - | 96 | - | - | - | - | inorg. chem. | 2,1 | * |
| DF 4 Q / DF 4 G Q | - | 99 | - | - | - | - | inorg. chem. | 2,0 | * |
| DF 4 G Q 35 | - | 99 | - | - | - | - | inorg. chem. | 1,9 | * |
| DF 4 HT / DF 4 G HT | - | 98 | - | - | - | 1 | inorg. chem. | 2,1 | * |
| DF 4 Q HT / DF 4 G Q HT | - | 98 | - | - | - | 1 | inorg. chem. | 2,0 | * |
| DF 4 ZR 10 / DF 4 G ZR 10 | - | 93 | - | - | 6,5 | - | inorg. chem. | 2,3 | * |
| Lükör 71 | 66 | 29 | SiC 2 | - | - | - | inorg. chem. | 2,6 | 1700 |
| Lükör 900 | 87 | 0,1 | SiC 6 | - | - | 5 | ceramic | 2,9 | 1700 |
| Lükorma 10 U 1 D | 87 | 0,6 | 12 | - | - | - | ceramic | 3,0 | 1750 |
| Lükorma 10 U 1 E | 86 | 1 | 12 | - | - | - | ceramic | 3,0 | 1750 |
| Lükorma 10 V 1 | 86 | 0,1 | 13 | - | - | - | ceramic | 3,0 | 1650 |
| Lükorma 10 V 6 SM | 86 | 0,1 | 12 | - | - | - | ceramic | 2,9 | 1800 |
| Lükorma 10 V 7 SM | 86 | 0,1 | 12 | - | - | - | ceramic | 2,9 | 1800 |
| Lükorma 10 V 12 | 85 | 0,1 | 14,5 | - | - | - | ceramic | 2,9 | 1800 |
| Lükorma 10 V 13 | 86 | 0,1 | 12 | - | - | - | ceramic | 2,9 | 1800 |
| Lükorma 10 V 14 | 86 | 0,1 | 12 | - | - | - | ceramic | 2,9 | 1800 |
| Lükorma 10 V 16 | 86 | 0,1 | 12 | - | - | - | ceramic | 2,9 | 1800 |
| Lükorma 10 NK 15 | 86 | 0,3 | 12,7 | - | - | - | ceramic | 3,0 | 1750 |
| Lükorma 10 NK 60 | 84 | 0,7 | 13 | - | - | - | ceramic | 3,0 | 1700 |
| Lükorma 30 SM | 69 | 0,9 | 27 | - | - | - | ceramic | 3,0 | 1750 |
| Lükorma 40 NK | 73 | 0,6 | 25 | - | - | - | ceramic | 3,1 | 1750 |
| Lükorma 86 | 13 | 0,1 | 86 | - | - | - | inorg. chem. | 3,0 | 1800 |
| Lükorma 120 CR | 83 | 0,2 | 12,3 | - | - | 4,2 | ceramic | 3,0 | 1800 |
| Coil grout Spulenputzmasse | | | | | | | | | |
| DoriDur RC 1401 0-1 mm | 82 | 9 | - | 5,7 | - | - | hydraulic | 2,3 | 1400 |
| DoriDur RC 1800 0-1 mm | 96 | 0,6 | - | 2,5 | - | - | hydraulic | 2,1 | 1800 |
| DoriCast RC 1750 0-1 mm | 92,5 | 0,3 | - | 5,5 | - | - | hydraulic | 2,5 | 1750 |
| DoriFlow MC 1750 0-2 mm | 95 | 0,5 | - | 3,4 | - | - | hydraulic | 2,9 | 1750 |
| DoriFlow RC 1800 0-1 mm | 96 | 0,6 | - | 2,5 | - | - | hydraulic | 2,8 | 1800 |
| Cover Deckel | | | | | | | | | |
| DoriCast RC 1450 | 55 | 38 | - | 4,2 | - | - | hydraulic | 2,1 | 1450 |
| DoriCast RC 1652 | 86 | 5 | - | 3,6 | - | - | hydraulic | 2,7 | 1650 |
| DoriVib LC 1550 | 60,6 | 34 | - | 2,3 | - | - | hydraulic | 2,4 | 1550 |
| DoriVib NC 1600 FS | - | 99,5 | - | - | - | - | chemical | 1,9 | 1600 |
| DoriVib ULC 1800 | 98,5 | - | - | - | - | - | hydraulic | 3,1 | 1800 |
| Construction ceramic Konstruktionskeramik | | | | | | | | | |
| DoriVib MC 1500 | 48 | 45 | - | 3,4 | - | - | hydraulic | 2,2 | 1500 |
| DoriVib LC 1550 | 60,6 | 34 | - | 2,3 | - | - | hydraulic | 2,4 | 1550 |
| DoriCast RC 1450 | 55 | 38 | - | 4,2 | - | - | hydraulic | 2,1 | 1450 |

| Product Produkt | Chemical analyses [%] Chemische Analyse [%] | | | | | | Setting Bindung | MR MB [t/m³] | TOA AGT [°C] |
|--|--|------------------|-----|-----|------------------|--------------------------------|--------------------|--------------------|--------------------|
| | Al ₂ O ₃ | SiO ₂ | MgO | CaO | ZrO ₂ | Cr ₂ O ₃ | | | |
| Heat insulation Wärmedämmung | | | | | | | | | |
| Dorit Mica SW 0030 | technical information on request technische Informationen auf Anfrage | | | | | | | | |
| Dorit Mica SW 0041 | | | | | | | | | |
| Dorit Isolierkombination EL | | | | | | | | | |
| Dorit Isolierkleber | | | | | | | | | |
| Kleber Losbil SV | | | | | | | | | |
| Repair mix Pflegemassen | | | | | | | | | |
| DF Patch | 4 | 90 | - | - | - | - | inorg. chem. | 2,0 | 1500 |
| DF Patch C | 4 | 86 | C 4 | - | - | - | inorg. chem. | 2,0 | 1500 |
| Dorit P 12 | 5,6 | 88 | - | - | - | - | inorg. chem. | 1,7 | 1500 |
| Dorupatch 55 | 55 | 38 | - | - | - | - | inorg. chem. | 2,4 | 1600 |
| Dorupatch 70 | 70 | 20 | - | - | - | - | inorg. chem. | 2,5 | 1700 |
| Dorupatch 80 OCR | 84 | 9 | - | - | - | - | inorg. chem. | 2,6 | 1700 |
| Dorupatch 80 | 81 | 9 | - | - | - | 2 | inorg. chem. | 2,6 | 1700 |
| Dorupatch 81 | 81 | 10 | - | - | - | - | inorg. chem. | 2,5 | 1650 |
| Dorupatch 85 0-3 mm | 84 | 8 | - | - | - | - | inorg. chem. | 2,7 | 1700 |
| Dorupatch 88 | 90,5 | 5,5 | - | - | - | - | inorg. chem. | 2,8 | 1800 |
| Dorupatch 551 dry 0-6 mm | 55 | 38 | - | - | - | - | inorg. chem. | 2,4 | 1450 |
| Dorupatch 1750 CR | 80 | 7 | - | - | - | 5 | inorg. chem. | 2,6 | 1750 |
| Doruplast 1750 CR | 73 | 14 | - | - | - | 5 | inorg. chem. | 2,6 | 1750 |
| Dorucoat SP 80 dry | 79 | - | 19 | - | - | - | chem. ceram. | 3,0 | 1800 |
| Top ring Tiegeland | | | | | | | | | |
| DoriVib LC 1500 Z | 28 | 28 | - | 1,3 | 41 | - | hydraulic | 3,3 | 1500 |
| DoriVib LC 1652 | 85 | 9 | - | 1,6 | - | - | hydraulic | 2,9 | 1650 |
| DoriVib MC 1600 | 57 | 38 | - | 3,4 | - | - | hydraulic | 2,3 | 1600 |
| DoriVib ULC 1800 | 98,5 | - | - | - | - | - | hydraulic | 3,1 | 1800 |
| DoriFlow MC 1650 | 63 | 33 | - | 3,4 | - | - | hydraulic | 2,6 | 1650 |
| DoriFlow ULC 1800 | 99 | - | - | - | - | - | hydraulic | 3,1 | 1800 |
| Dorit B 85 | 85 | 7 | - | - | - | - | inorg. chem. | 2,8 | 1700 |
| Lükorma TOP 2 | 75 | 2,1 | 15 | - | - | - | chemical | 3,0 | 1800 |
| Prefabricated shapes Fertigbauteile | | | | | | | | | |
| on request auf Anfrage | | | | | | | | | |



Information:
The shown data are typical values, determined by standard procedures.
They cannot be taken as specification respectively they are no assured technical properties.

Information:
Die Angaben sind typische Richtwerte, ermittelt nach Normprüfverfahren.
Sie gelten nicht als verbindliche Spezifikation.