

This website uses cookies to improve the user's experience during working with our network and to provide users with dedicated services and functions. By further use you agree with that.OKDetails

Address	Qinghua Refractories Co.,Ltd Qinghuali Panlong Street 115100 Dashiqiao City
Country	China (People's Republic)

PRODUCTS OR MACHINERY

Recommendations for Regenerator of Glass Tank:

(The recommendations aim to give you a general idea of our bricks. The actual application shall be based on specific condition of the glass tank.)

Top Layers

The uppermost 2 to 4 checker layers are confronted with highest temperature, attacked by batch dust and vanadiumoxide from heavy oil, and suffering strong chemical erosion. QMZR-12, a high temperature Magnesia-zirconia brick, with characters of Low A.P., high B.D and good corrosion resistance, is recommended.

Hot zone:

Suffering severe stress by high temperature, Fused Magnesia bricks (QDMZ-98 or QDMZ-97) are recommended for this area, with proven good performance and not easily cracking or spalling.

Intermediate zone:

This area has less dust erosion, but more strict attack of sulfate penetration, which requires strong resistances to high temperature and thermal shock.

Recommendations: High quality Magnesite bricks (QDMZ-96, QMZ-97 or QMZ-95)

Lower zone:

This zone has lower flue gas temperature, but seriously affected by volatile components and complex sulfate condensation (alkali sulfates composite) and thermal shock effects.

QMZR-12B, a lower-temperature magnesia-zirconia brick is suited for this area. The other options are QMZ-92, a high density magnesia brick; or QDMC-12, a direct bonded magnesia-chrome brick.

Main Products

Magnesia-Zirconia Brick

Magnesia-Zirconia brick is characterized with high refractoriness, longer service life, and strong creep resistance. It has better corrosion resistance than magnesia-chrome brick, also better than rebonded magnesite brick for C.C.S at high temperature and thermal shock resistance. These brands are used in the top and intermediate zone for regenerator checker.

Magnesite Brick

Sintered brick is batched and fired with different types of heavy or dead-burned magnesia. The higher purity of raw material, the better specification. It is broadly used for regenerator of glass tank.

Fused Magnesite Brick

Fused magnesite brick is made from high-grade-high-purity magnesia together with fused magnesia, characterized with higher density, lower apparent porosity, bigger crystallized periclase, better creep resistance performance. It is broadly applied in the regenerator crown and upper part of wall.

Magnesia-Alumina Brick

Magnesia-alumina brick is made from high quality magnesia and bauxite. It has a better matrix within magnesia alumina spinel, good C.C.S at high temperature, and high thermal shock resistance. It is widely applied in the heat-sensitive zone of regenerator.

Light Forsterite Brick

Mainly using synthetical forsterite clinker as raw material, the Light forsterite brick has good insulation property and superior stability at high temperature. It is widely used in the insulation layer of regenerator wall.

Magnesia-Chrome Brick

With periclase and magnesia-chrome spinel as the main crystal phases, magnesia-chrome brick is made from sintered magnesia and chrome ore, and fired at optimum "sintering curve". They are widely used in regenerator of glass tank.

Mortar

Matched with diversity of bricks, Qinghua develops different range of Mortar, with corresponding grade of magnesia, and suitable binder. These brands have high adhensive strength, easy installing with setting time 120 seconds approximately, and high sintered strength. It performs well as the joint filler for brick lining of regenerator.

Ramming Mix

Ramming mix is made from high quality magnesia with adding a special chemical binder to batches. It is used for joint filling and lining of regenerator. During the hardening process, It forms "chemical-ceramic" change at suitable temperature. 5-7% water shall be added on operation.

Company Profile of **Qinghua Refractories Co.,Ltd**

A service of glasssglobal.com, an affiliate of glasssglobal group.

The address material you printed out is copyright and belongs to the Company or to its third party Marketing Agency, and all rights are reserved. Any User who accesses such material may do so only for its own personal use, and the use of such material is at the sole risk of the User. Redistribution or other commercial exploitation of such address material is expressly prohibited. Where such address material is provided by a third party, each User agrees to observe and be bound by the specific terms of use applying to such news material. Glass Global does not represent or endorse the accuracy or reliability of any of the info contained in any address or external websites referred to in this printout. www.glasssglobal.com - The International Portal to the Glass Industry - OGIS GmbH