

Systems for Heavy Clays 粗陶工业窑具系统

The firing temperature for the heavy clay industry is generally lower than tableware but the loading capacity required for kiln cars and the kiln furniture are usually heavier. This requires that the refractory for heavy clay industry should have high compression strength, high impact resistance and good thermal shock resistance. Beijing Trend has invested in developing a series of material specifically for the kiln furniture for split tiles, roof tiles, facing bricks and pavers etc.

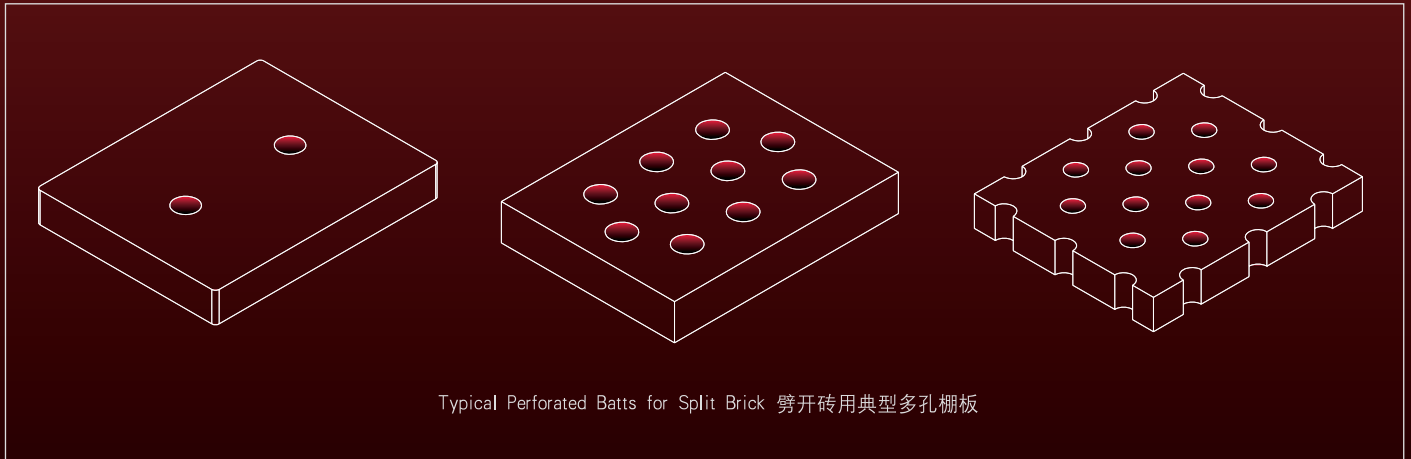
粗陶工业窑炉烧成温度较低，但其窑车、窑具承重量较大，要求所使用的耐火材料具有较高的耐压、抗折强度与良好的热震稳定性。北京创导特为此开发的堇青石-莫来石材料适用于劈开砖、屋面瓦、空心砖、铺路砖等粗陶制品的烧成。

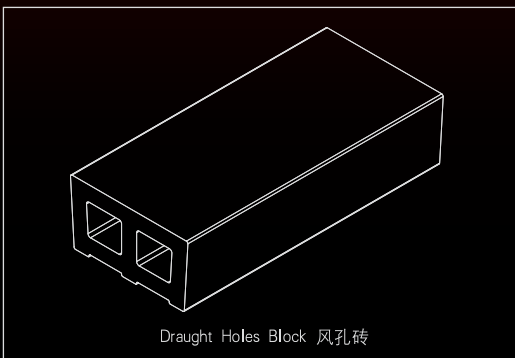
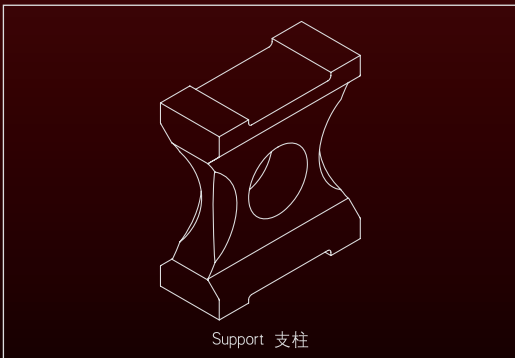
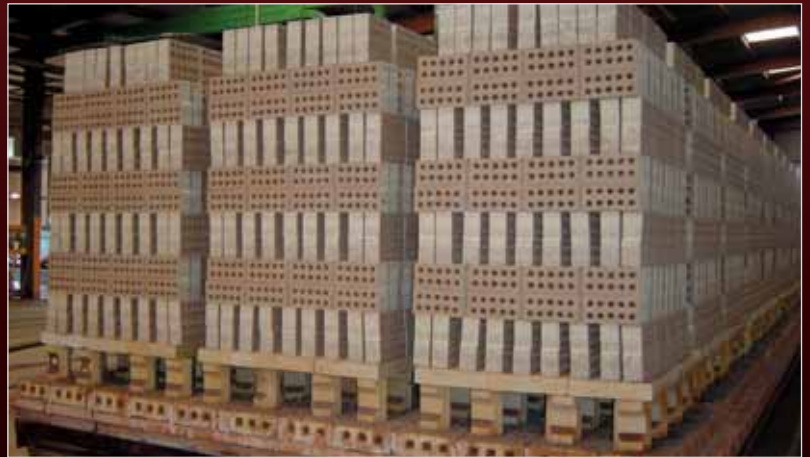
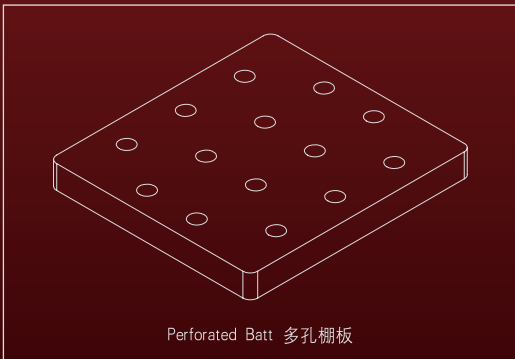
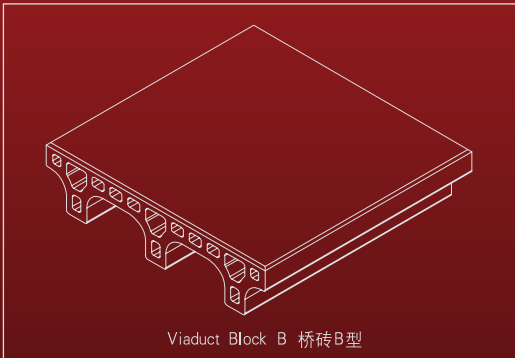
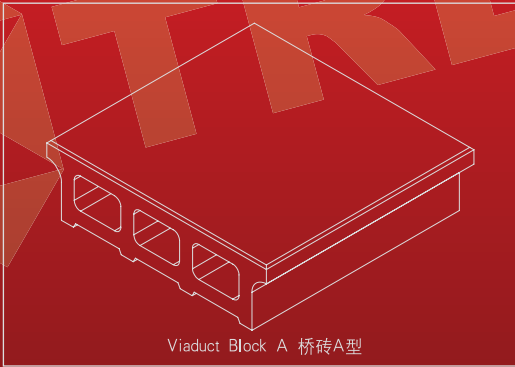
Split bricks are formed by extrusion, and after firing split in half to make bricks. They are normally used in decoration or construction.

The firing temperature of split bricks is normally between 1150-1200°C but with high load bearing kiln cars, the kiln furniture used should have excellent high strength and good resistance to thermal shock. The batts used are often very thick and often perforated in order to have more even temperature, which has the advantage of giving a longer product life.

劈开砖生产时由挤出法成型，烧成后一劈为二，故名劈开砖。通常用于建筑物墙面装饰。

劈开砖的烧成温度通常为1150-1200°C，但其窑炉装烧高度较高，故窑车荷载较重，因而其所用窑具须具备高的抗压强度和抗折强度以及良好的热震稳定性。通常其采用的棚板厚度较大，采用多孔棚板可使其内外温度更均匀，利于延长使用寿命。





According to the shape of clay roof tiles, they should be stacked upright in single or multi layers or in multi layers but stood flat. Types of kiln furniture used in roof tile production are perforated batts, extruded batts, H-cassettes and U-cassettes.



A-type A型

B-type B型

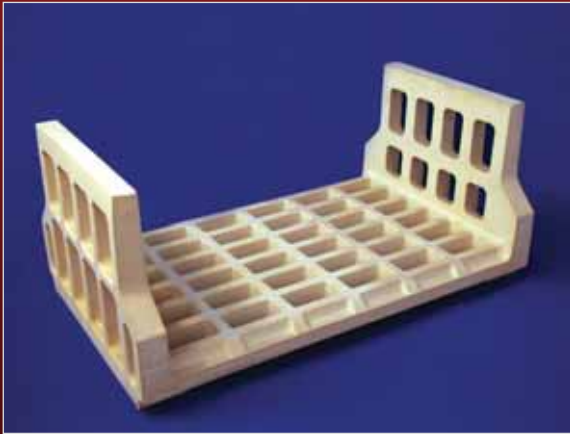
C-type C型

Remarks: Other perforated batts are available according to customer's requirement.
注：其他形状多孔棚板根据客户需要也可生产。





H-cassette H型承烧架



U-cassette U型承烧架



Extruded Batt 中空棚板

由于粘土屋面瓦的造型不同，其烧成的码放方式通常有单层立烧、多层立烧和多层平烧，所使用的窑具有多孔棚板、中空棚板、H型承烧架和U型承烧架等。

