

High Temperature Adhesive

A14 high temperature adhesive can provide high bonding performance between ceramic fiber boards, blankets and other ceramic fiber insulations. It can be used to bond ceramic fiber insulations to firebricks and other refractory materials. It can also be used to repair ceramic fiber boards, firebricks in stoves, fireplaces, barbeque grills, heaters, furnaces, wood stoves, coal stoves, and other units that have ceramic linings. Moreover, it can be tacked in to board and firebrick joints to form a seal, or coat on board and firebrick surfaces to seal up cracks and fill in minor voids.

The long-term service temperature of A14 high temperature adhesive can be up to 1260°C (2300°F). It is prepared to a mortar and ready for use. It can be applied by brushing or trowel. After drying they form a hard bond.



Characteristics:

- High bonding strength
- Thermal shock resistance
- High temperature stability
- Good chemical stability

Application Process:

- Clear each surface to be bonded by removing contaminants and dust.
- Mix the adhesive well because material may settle while transported or sitting.
- Apply the adhesive to each surface to be bonded, and contact surfaces together with light but firm pressure. Excess adhesive can be brushed away from the bond site.
- The adhesive is air-setting glue. Allow it to dry at room temperature, or an elevated temperature (don't exceed 100°C), for about 24 hours.

Storage:

A14 high temperature adhesive must be protected from freezing. Normal shelf life is 12 months in unopened containers that have been properly stored.