

Reinforce and enhance your refractory with X-ACT[®] technology.

Allied's X-ACT[®] technology uses multi-component composite refractory systems to increase reliability and provide more predictable performance in precast monolithic refractory shapes. We provide a thermomechanical benefit by incorporating high temperature reinforcement structures in the refractory during the manufacturing process.

This patented technology can provide manufactured precast shapes as an option where prior use may have cost prohibitive.

Why X-ACT[®]?

X-ACT[®] technology provides the solutions you need.

- Decreased thermal stress in the shape
- Reduced tensile stress at the metal contact surface
- Enhanced shape stability

Benefits

- Absorb and deflect mechanical stresses
- Utilize different types of web-technology
- Crucibles and other precast shapes with patented X-ACT[®] technology available in a variety of refractory compositions

Applications

- Aluminum
- Zinc
- Copper alloys
- Steel
- Industrial
- Magnesium
- Gas off-take systems
- Snorkel billet heating tubes
- Crucibles - oval and cylindrical shapes



Global **Refractory** Solutions