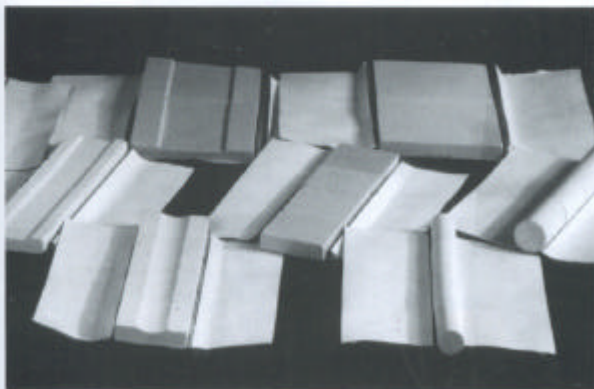


Refrac-T-Back®

Refrac-T-Back is a non-metallic ceramic material which is temporarily attached to the reverse side of a weld while helping to support a full penetration weld. Individually sized and cut to a specific length, these disposable tiles are flexible and easily adaptable to many different weld configurations. The cost savings potential makes this an attractive alternative to arc gouging and rewelding full penetration welds.



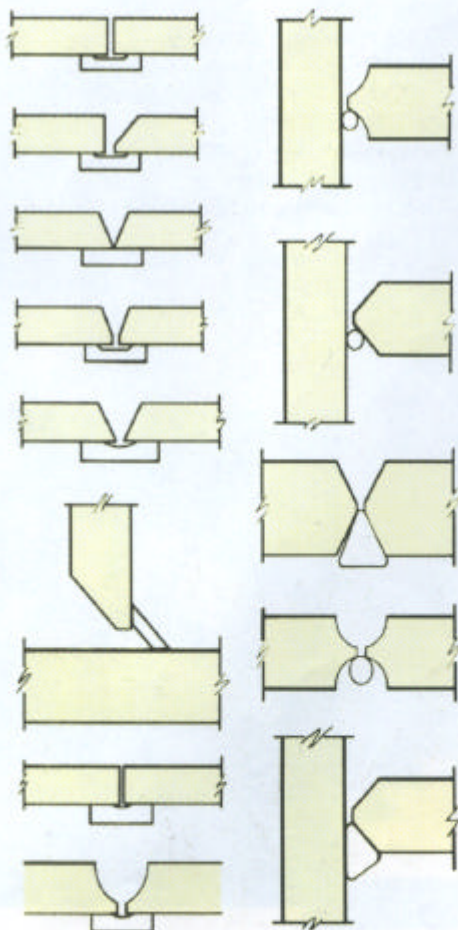
The composition of this non-metallic material is an ideal alternative to steel or copper backing bars. The quality and consistency within the ceramic composition eliminates any concern for metallurgical mismatch in either the base material or weld metal. The density of such a material not only helps support and define the molten weld metal, but more importantly, effectively resists moisture pick-up that can seriously affect the weld deposit.



Individual tiles are assembled on an adhesive tape which can then be fitted to any specific length. Individual tiles can also be purchased and used in conjunction with a metal tracking system. Once attached to the reverse side of the weldment, preheat can be utilized. The adhesive characteristics permit the weld to be preheated up to 500°F (270°C) without releasing. Following the weld completion, both the tiles and tape are easily removed, exposing a consistent uniform weld bead.

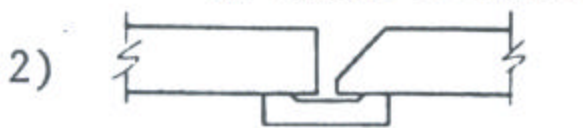


Selecting the proper ceramic is specific to a given weld joint design. Each welding process (SMAW, FCAW, MIG, etc.) necessitates a different technique to successfully utilize this material. Because of the many different ceramic tile configurations, careful evaluation is recommended prior to implementation.





1/4" Grooved 69-300000-2



1/4" Grooved 69-300000-2



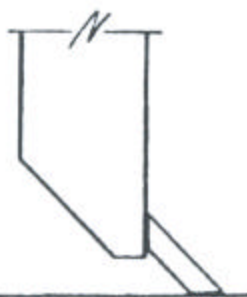
1/4" Flat 69-300001-0



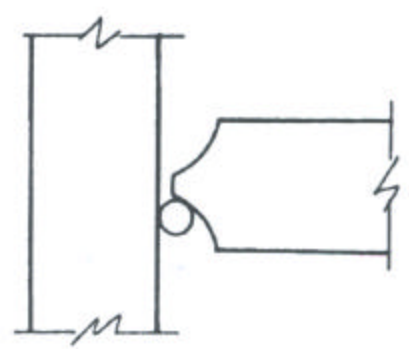
1/4" Grooved 69-300000-2



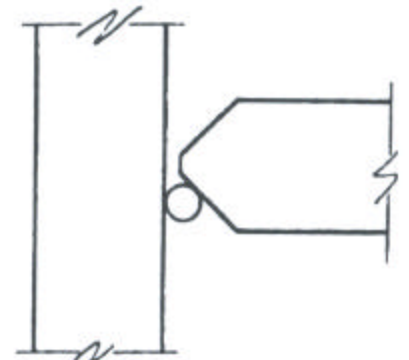
625R 69-300026-7



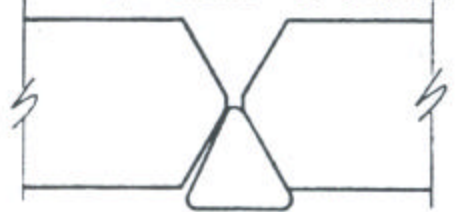
11)



1/4" Round 69-300028-3



3/8" Round 69-300012-7



45° Triangle 69-300019-2



1/2" Round 69-300013-3



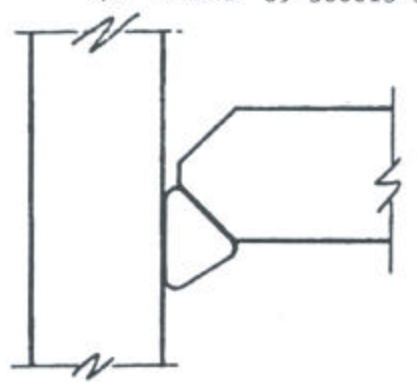
FBF 69-300029-1



215R 69-300023-4



350R 69-300022-6



60° Triangle 69-300018-4