



Cylinder Head

General repair and build - up application

Typical Applications:

Machine frames, cast iron housings, transformer fins, keyways.

Outstanding Features:

- Resistance to atmospheric oxidation superior to that of cast iron and other ferrous metals.
- Colour very close to grey cast iron.
- Can be machined with tungsten carbide tools, drilled, tapped & painted.
- Can be used in all positions.

Procedure:

- Mix ratio : 3:1 (by weight)
- Pot-life of mix : 15-20 minutes
- Hardening Time : 16 hrs

Clean the surface of the job thoroughly with CTC or any other degreasing solvent to remove grease, oil and other contaminants. Remove oxides, rust, paint and foreign matter from the surface of the job by grit blasting, grinding, filing, or rough machining.

The containers of compound and reagent are distinguished as (x) and (xx) respectively and the contents have distinct colour shades. Transfer entire contents of reagent (xx) to the container of compound (x) OR measure out compound (x) and Reagent (xx) in exact proportion as per mix ratio. Mix the two contents thoroughly to obtain a homogeneous paste with uniform colour.

First apply a thin layer of MeCaTeC on the surface of the job (immediately after mixing) with spatula or applicator. Press MeCaTeC firmly in cavities and ensure that no air pockets / voids are left in the deposit. Deposit can be built up to the required thickness by applying more MeCaTeC in thin layers in each stroke with little pressure to avoid air entrapment.

Allow the deposit to cure and harden. Finish the deposit to required size.