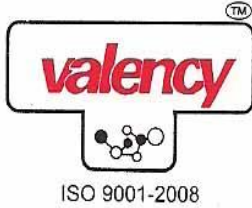


## COLD WELDING PRODUCTS

*'Valency' manufactures all types of AWS coded austenitic & Ferritic range of Stainless Steel Electrodes which are widely recognized for superb welding characteristics viz. very low spatter, smooth arcing and excellent slag detachability in addition to superior corrosion resistance.'*



## PRODUCT CATALOGUE FOR Cold Welding Products

### COLD WELDING PRODUCTS.

**Valency Cold Metals** are two component compounds which when mixed, cure through molecular reaction to form a strong & durable anti-wear, anti-corrosion, anti erosion & tough surface so could be benefitted of in wide range conditions. These easy to work products characterize good bond strength to variety of engineering metals and other substrates. Available in putty or liquid form, the fully cured surface can be drilled, bored, tapped, machined or filled.

**PRIME METAL** : for versatile & long lasting repairs

**Special features** : Hightech metal filled Cold Welding putty having high compression strength (132N/mm<sup>2</sup>) | With stands high temp (1800C) | High resistance to a broad range of corrosive chemicals & acids | Can be machined

**Applications** : Rebuilding shafts, battered keyways rebuilding of valves repairs of scored rams & restoring of bearing housings.

**'Q' Metal** : Fast curing & emergency repairs

**Special features**: | Superfast curing epoxy | It retains its tough steel structure that can be machined, drilled or tapped | Can be used on steel, copper, bronze concrete etc.

**Applications** : include sealing or transformer oil leaks, fuel pipe leaks & repairs or pipelines etc.

**VAL-STEEL** : For economic reliable & dependable workshop maintenance

**Special features** : | Requires no special skills, tools or equipment | Bonds to most engineering substates | It repairs patches & rebuilds on machine parts

| Excellent resistance to many chemicals Oils, Petrol, Water, etc.

**CERAMIX 'B'** : Abrasion resistant cold metal product

**Special features** : | Ceramic rich cold weld product | Excellent to rebuild the parts subjected to friction & abrasion | It could be tool or ground finished to a smooth low friction finish.

**Applications** : Lining worn pump volutes, rebuilding shafts, Wear surfacing flanges & elbow, repairing valves.

**CERAMIX 'F'** : Excellent protection against pitting & cavitation

**Special features** : | It is a top coat layer formulation to protect surfaces against corrosion & pitting | Protects equipment exposed to corrosive atmospheres even upto 1800C | It has exceptionally smooth finish

**Applications**: Resurfacing pump bodies & impellers building up gate valves, flanges etc.

**CERAMIX 'FF'** : For superior protection against bi-metallic corrosion

**Special features** : | It is brushable | Provides a smooth Glossy finish

| Excellent resistance to sea water, Chemical corrosion, sand & other particle abrasion

**Applications** : Protection overlays on pump casings impellers, propellers, kort nozzles, excellent for tube sheet protection.