



# Quarries

Services and Products for the Quarrying Industry





## WHO WE ARE

Avweld is an Australian based company, with over 30+ years of operational experience. We specialise in fixed and mobile plant maintenance, focusing on extending the life using innovative coatings. We provide a range of services to the mining and quarrying sector. Our dedicated team are committed to working with you to ensure your plant is operating safely and efficiently.



### Crusher Repairs

Avweld have Melbourne's most comprehensive combination of welding and machining capabilities. With our 3.5m diameter vertical borer and 2 tonne welding positioner we can weld repair and machine all crusher shells installed in Victoria.

We also metal spray worn crusher shells, and weld repair machine cones.

### Metal Spray Repairs

Avweld use metal spray to repair worn components used in mobile and fixed plants. Repairing is almost always cheaper than replacing components, and the finished product quality can be higher than a new part. Worn journals on crusher shafts are often repaired by metal spray.

## WELDING WIRE AND ELECTRODES

Avweld specialise in supply of hardfacing welding consumables. We are proud distributors of Voestalpine Bohler Welding. Whatever your maintenance or repair requirements are, we have the right welding consumables for you.

#### POPULAR MATERIALS USED ARE:

- **AI-0150** - High quality low hydrogen electrodes
- **AI-1746** - General purpose out-of-position hardfacing wire
- **AI-1543** - Complex carbide wire for extreme abrasion resistance
- **AI-1558** - Titanium carbide wire for high impact resistance
- **AI-1568** - High abrasion resistance chrome carbide wire. Recommended for welding AbrasaPlate®

**Contact us for recommendations on consumables for your application.**



# SERVICES

- ⦿ Crusher Repairs
- ⦿ AbrasaPlate® Chrome Carbide Wear Plate
- ⦿ Welding Wire & Electrode Supply
- ⦿ Loctite® Composites
- ⦿ Pump Repairs
- ⦿ Onsite Recommendations
- ⦿ Lining of Buckets
- ⦿ Shaft Repairs
- ⦿ AbrasaStud Wear Protection

## AbrasaPlate® Wear Plate

AbrasaPlate® is a composite chrome carbide overlay plate, widely used throughout quarries in Australia. The hardface overlay provides outstanding resistance to abrasion. Applications include impact plates, crusher linings, chutes, ducts and grizzly bars.

Our unique AbrasaPlate-X Cross Hatch plate provides outstanding impact resistance. Typical life extension over quenched & tempered plate can be 4 times plus. Available in sheet form or in pre-fabricated wear liners.

## AbrasaStud Wear Resistant Studs

AbrasaStuds are wearing studs designed specifically for high abrasion and high impact applications. Quick to apply, they are particularly well suited for wear protection of surfaces subject to extreme impact, or non-uniform shapes, such as crushers and buckets. Studs can be applied by Aweld at our workshop, or on your site.





# LOCTITE® COMPOSITES

Aweld are a Certified Loctite® Composites Applicator. This means we are trained in the application of all Loctite® Repair, Rebuild & Protect composite products/solutions. These materials are widely known in the industry and include:

- Loctite® HIBC High Impact Crusher Backing Compound
- Loctite® PC9313 High Impact Wearing Compound
- Loctite® PC9410 MagnaCrete Concrete Repair
- Loctite® PC7350 Conveyor Belt Repair
- Loctite® PC7255 Sprayable Ceramic

# LOCTITE®

APPROVED APPLICATOR

- Loctite® PC7227 Brushable Ceramic
- Loctite® PC7222 Wear Resistant Putty
- Loctite® EA3478 Superior Metal

# FREE

Product Demonstrations  
We can come to you!



ISO 9001  
BUREAU VERITAS  
Certification



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