

CASE  
STUDY

# REDI-LINER CERAMIC

## MODULAR LINING SYSTEM

<b>PRODUCT:</b>	Redi-Liner Ceramic Modular Lining System
<b>PRODUCT CATEGORY:</b>	Flow & Anti-Wear
<b>LOCATION:</b>	Leslie Vale Quarry, Tasmania, Australia
<b>CONVEYED MATERIAL:</b>	Crushed dolerite, 2 $\frac{3}{8}$ " (60mm)
<b>EXISTING WEAR LINER INSTALLED:</b>	Hardox 500 steel wear liner 9kg
<b>RATE:</b>	250 tons per hour
<b>INSTALLATION DATE:</b>	February 2010
<b>DATE OF FIRST SERVICE INSPECTION:</b>	May 2011

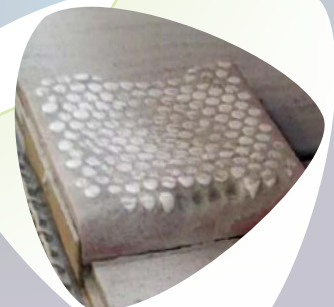
### PROBLEM DESCRIPTION:

Leslie Vale Quarry produces more than 700,000 tons a year of high-quality hard rock dolerite products, supplying the construction industry with high-quality aggregate in road base materials.

In addition to their fixed plants, at Leslie Vale they operate a modern fleet of track-mounted mobile crushing and screening plants, comprising primary, secondary and tertiary units, screens and pugmills. The plant can be configured to suit many applications with crushing and screening units having a production capacity of up to 250 tons an hour.

A consequence of the volume of their crushing operations was the high frequency of replacement of the existing steel wear liner, lasting on average only 5 months.

*"Kinder & Co. suggested I trial the Redi-Liner Ceramic panels because of their superior wear properties. I was getting very frustrated with the inadequate performance of the Hardox product for our quarry's needs."*



**RESOLUTION:**

*"Your follow-up phone call has come just at the right time because I need to re-order a new panel. The Redi-Liner Ceramic Lining System has lasted for over 3 years. It is so much better than the Hardox panels that I used previously, and has far exceeded my expectations.*

*"I can get on with my job because it's one less product I need to shop around for. I know I can rely on Kinder's Redi-Liner."*



*Photo taken on site at Leslie Vale Quarry 15 months after installation*