

CONSTRUCTION WASTE AND RECYCLING

A National Perspective



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Advancing safety and efficiency in transport through knowledge

research | consulting | technology

SOURCE MATERIAL



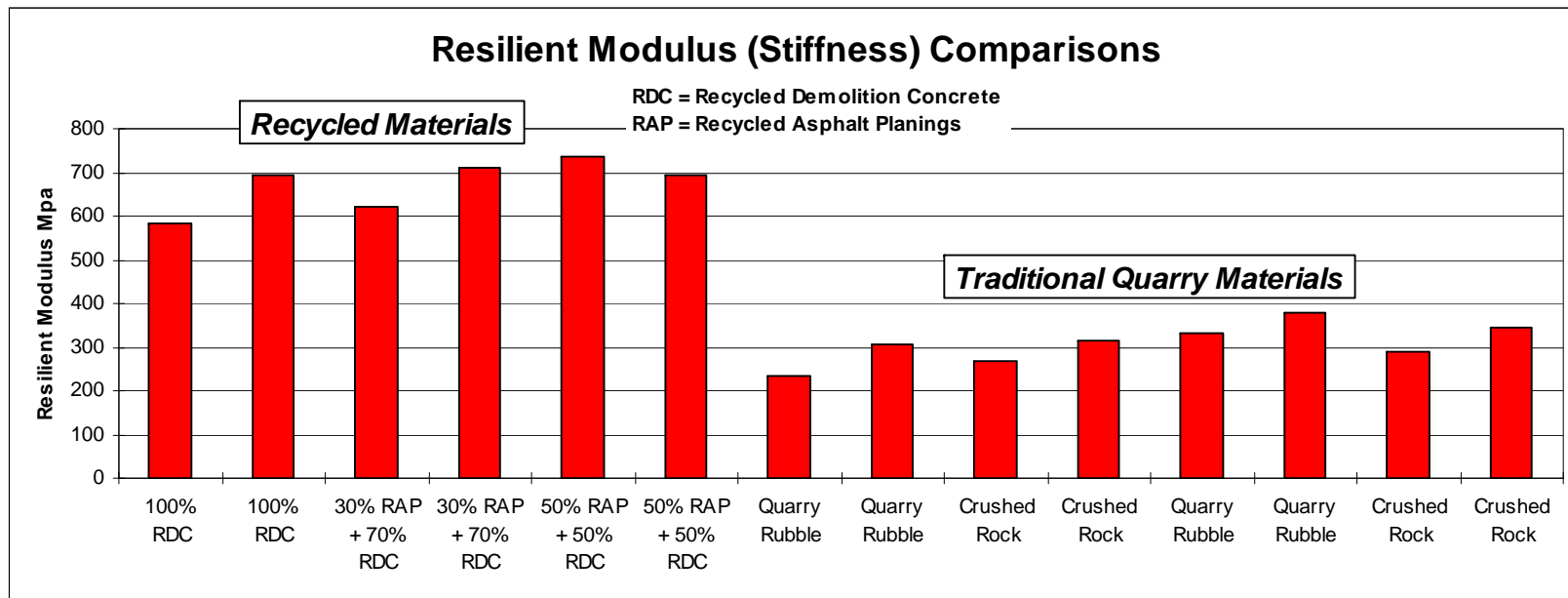
HISTORICAL – Mobile crushing 20 Years ago



Present Day Operation



Comparisons

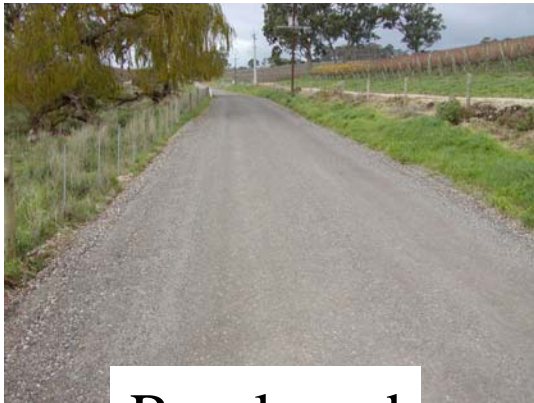


Products & Uses

Pavement layers
 Footpaths
 Cycle ways
 Environmental mounds
 Drainage mediums
 Bedding sand
 Engineered fills
 Concrete
 Cold asphalt
 Hot asphalt
 Unsealed surfaces

Class 1 20 Sub Base OMC	
Class 1 40 Sub Base OMC	
Class 2 20 Sub Base OMC	
Class 2 40 Sub Base OMC	
Class 3 20 Sub Base OMC	
Class 3 40 Sub Base OMC	
20mm Non specified Rubble OMC	
40mm Non specified Rubble OMC	
20-14 Aggregate	
10-7 Aggregate	
75mm Rubble	
Recycled Sand OMC	
Bitumate OMC	
Bitumix 3%	

Pavement uses



Rural road



Granular & Cement Treated



Cold Asphalt



Bikeway

Other uses



Flood levies
Environment mounds



Industrial yards
Grain storage

National Goals

- **GOAL 1 - Towards “seamless acceptance” of fit for purpose engineering materials for use in road pavements and engineered fills by**
- Improving market awareness of the technical capabilities of using recycled materials in road pavements.
- Provide guidance in the application of recycled materials to specific conditions
- Detailing environmental benefits associated with their use including reductions in greenhouse emissions
- Provide performance assurance in the use of recycled materials in road pavements

National Goals

- **GOAL 2 - To improve the operational performance of the industry through**
- Development of a “code of best practice for waste processing in the construction and demolition industries”
- Develop a third party accreditation system for the operational performance of the industry
- ISO Quality accreditation of industry products
- Provide guidelines for asbestos and contaminant control

National Goals

- **GOAL 3 Provide an information reference and retrieval facility of national and international developments**
- Create an adjunct C&D Division website to the WMAA website to include a library reference to national and international conference papers reports etc
- Develop technical notes on use of recycled materials
- Provide access to product specifications and standards
- Specific work practices associated with recycled pavement materials including OH&S issues