

Diane Sarkies - Application No SSI-5414

From: "Alex Imre" <alexi@pjs.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/11/2012 3:57 PM
Subject: Application No SSI-5414
Attachments: FAIST_Rail_Road_4S_EN.pdf; Article 31 Oct 2012.pdf

Attention : Director, Infrastructure Projects

Noise Barriers and sound mitigation.

Dear Sir,

I refer to a recent newspaper article (attached) which highlights some of the challenges in the recently unveiled EIS2. Our company represents an international company (Faist Anlagenbau GmbH) that specializes in noise mitigation for Road and Rail Applications. This company has been active recently at a Road and Rail Exhibition in Berlin, outlining their potential at InnoTrans 2012.

Faist have spent years testing, researching and developing their product to be now acceptable to Deutsche Bahn, the National Rail Authority of Germany.

I would like to make submission for consideration to provide practical solutions for any above ground mitigation of noise in public and private areas of this vital rail project. I have attached some preliminary information on the range of products for Rail application however Faist has a wider experience to bring to such a project through their specialists in this field.

As the local representative for Faist in Australia, I have been following the Northwest Rail Link project since it's inception in recent years and can see great benefit to the community from this product. These solutions are already in use in Australia in Printing and Industrial applications however it has been much more commonplace overseas for many years.

As part of this submission, I would state that Plunkett & Johnson Pty Ltd has made no political donations of any sort in the past two years.

Please let me know if I can be of further assistance and if it is possible to consider Faist solutions for this project

Alex Imre

Managing Director



T :02 9906 4122
F :02 9906 4296
M : 0419 236 354
E : alexi@pjs.com.au

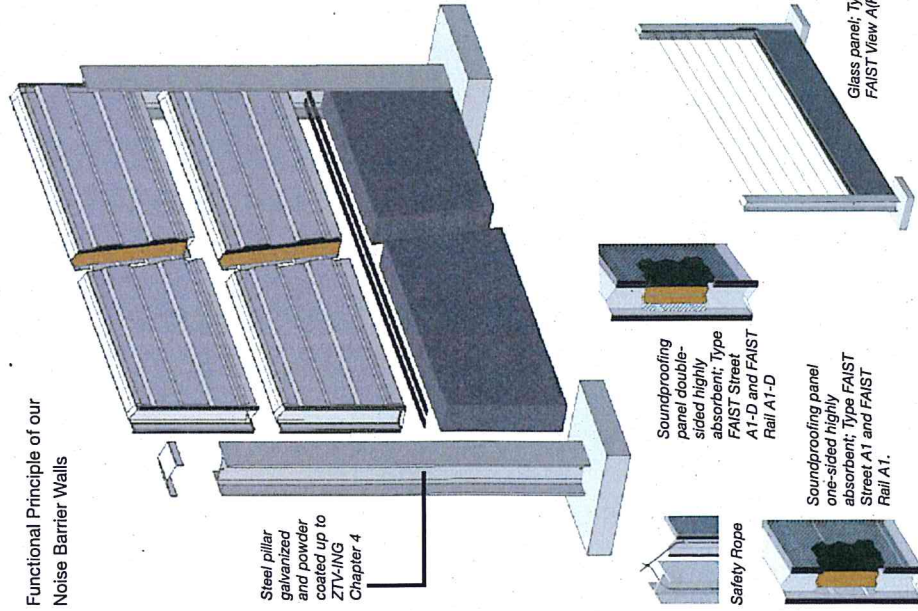
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Product Overview: Noise Barrier Panel

We offer you one-sided and double-sided highly absorbent noise barrier panels, as well as transparent elements made of acrylic glass.

It is possible to provide our panels with an additional safety rope.

Functional Principle of our Noise Barrier Walls



Steel pillar galvanized and powder coated up to ZTV-ING Chapter 4

Safety Rope

Soundproofing panel double-sided highly absorbent; Type FAIST Street A1-D and FAIST Rail A1-D

Soundproofing panel one-sided highly absorbent; Type FAIST Street A1 and FAIST Rail A1

Glass panel; Type FAIST View A(P)

Our noise barrier walls are up to the following standards:

- ZTV-LSW 06
- DIN EN 1793 Chapter 1-3 (Acoustical Features)
- DIN EN 1794 Chapter 1/2 (Non-Acoustical Features)
- ZTV-ING Chapter 4
- DB RIL 804.5501
- DIN 18800 Chapter 7, Class B, C, D, E

We guarantee highest technical standard.



Your contact person in our company:

Mr Pius Jeckle
+49 8282 8880-242
+49 8282 8880-6242
pius.jeckle@faist.de

FAIST Anlagenbau GmbH
Am Mühlberg 5
86381 Krumbach (Schwabern)
DEUTSCHLAND/ GERMANY
Phone +49 8282 8880-0
Fax +49 8282 8880-88
anlagenbau@faist.de
www.faist.de

FAIST Anlagenbau

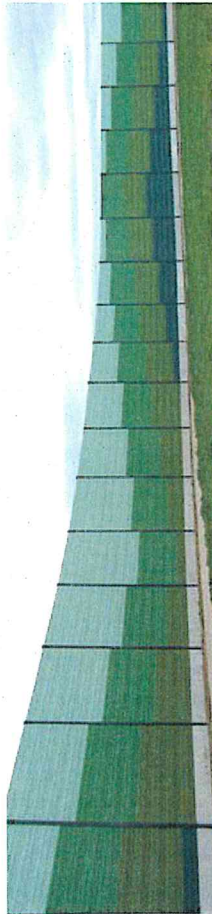
Noise Barrier Walls for Rail and Road

FAIST is a Specialist of High-Performance Acoustic Aluminum Panels all over the World. For Road

Because of enhanced environmental influences, upcoming traffic and increasing intensity of sound, it is more and more important to protect human beings and their environment against too vast exposition to noise.

Especially for this reason, FAIST Anlagenbau offers you highly absorbent noise control for the following divisions:

- roads and highway traffic
- train and railroad constructions
- private constructions
- tunnel constructions
- wall claddings

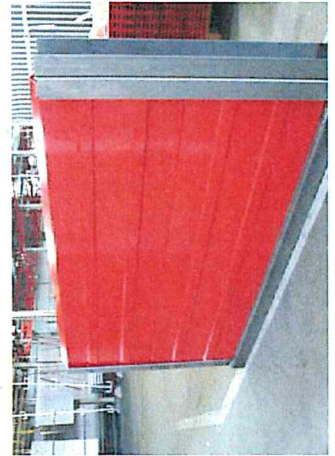


FAIST sound barrier walls are made of aluminum. With our paint system, we guarantee the best quality of surface and a high mechanical durability with maximum environmental protection. We do not use plumb and chromate.

FAIST sound barrier walls are no purely functional buildings. They fit perfectly to the scenic integration. Thus, they represent an added value for the environment.

Our products feature

- high sound absorption
- high consistency
- environmentally friendly
- low costs



... and Rail

Our panels feature:

- easy installation
- no need for maintenance
- low costs
- high flexibility

In the case of damage, every single panel can be exchanged and replaced without any problem.



Also in industrial plants, noise barrier walls are applied.

Cooling plants, power units and other noise sources lead to considerable annoyance of staff, visitors and residents.

FAIST noise barrier walls protect you from harmful noise.



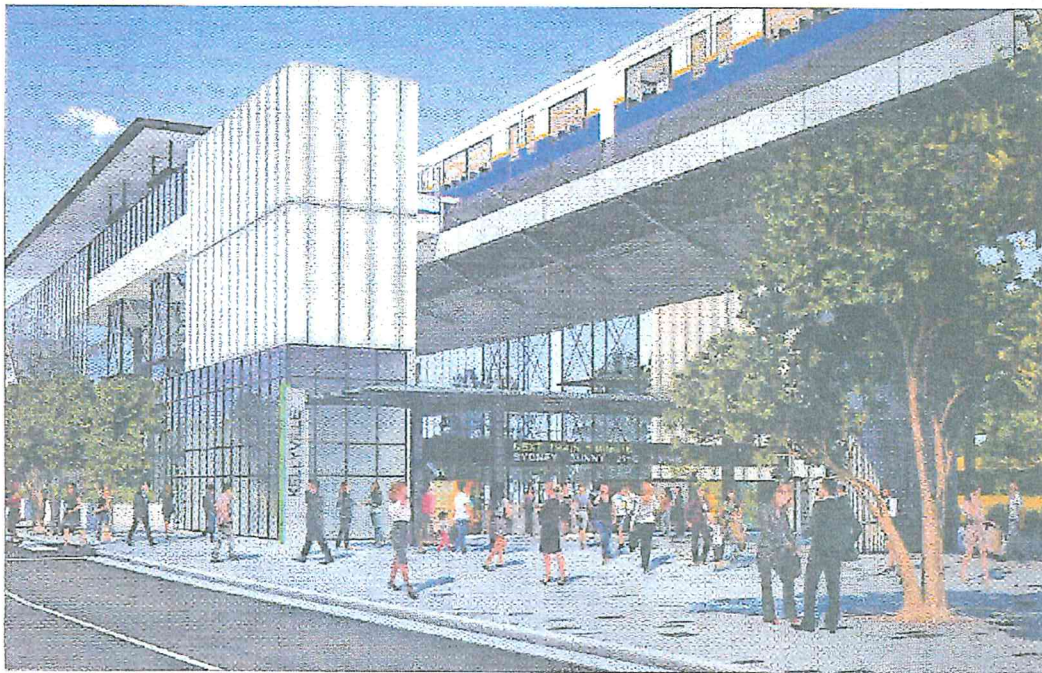
Daily, there are temporary exposures to noise in the close environment of train and railroad installations. Our sound barrier panels protect residents and pedestrians from this strain in an ideal way.

The "Universität der Bundeswehr" near Munich has tested the static and dynamic load capacity of FAIST panel type Rail A2. The result is a load cycle of 5 millions for a train speed of 250 km/h. The accreditation by the Deutsche Bahn is supposed to be awarded in brief.



92 decibels on Noisy West Rail

Trains to roar past residential high-rises



Artist's impressions of new rail link stations at Kellyville (above), Castle Hill (below left) and Bella Vista.



HENRY BUDD
COMMUTER REPORTER

NEW developments overlooking the North West Rail Link will be exposed to the same level of noise as an excavator hammer when trains rocket past, a report warns.

A second environmental impact statement on the line cautions that any new multi-storey developments built 40m from the tracks between Bella Vista and Kellyville stations will be exposed to up to 92

gation measures to be considered as peak levels reach 80dB.

All above-ground sections, including the 4.2km skytrain, will be fitted with 1m-high noise barriers, with a 2m section to protect the OK Caravan Park at Rouse Hill.

Rail dampers will also be used.

Even with these measures, at least 30 dwellings will be affected by noise, including 19 homes on Farrier Way and Miller Way in Kellyville Ridge.

A Transport for NSW spokeswoman said the challenges with

first EIS are 1000 more commuter car spaces and new locations for Norwest station and Castle Hill station — now renamed Showground station.

The 2600-page report also revealed trains were expected to run at on some sections. Travel from the Cudgegong Rd, the outermost station, to Wynyard, would take about 57 minutes, trains running every five minutes in peak periods.

“The key message I’m getting is just to get on and build it and now they are starting to believe it’s

B W S

These specials available at BV



Wic
Scarily good drink
Witch



ANY 3
\$4

McLaren Vale Ale Bottles
India Pale Ale OR Gage Ator



6 PACK
\$17

Saranac
Pumpkin Ale
Bottles
6x355ml

Dark



700ML
\$40