

# Ceramite® Furnace Tile Installations

Superior Performance in Wear Resistant Applications

Bulletin 0132

Aluminum Industry

03/04

Installed	Plant	Description	Status	Comment
Nov. 1997	Hydro Aluminum Kamøy RM, Norway	Test 2 segments	1 In Service	1 segment taken out during maintenance stop Aug. 2003 Test piece to be analysed
Mar. 1999	Tomago Aluminum, Australia	½ furnace hearth 2 x 6 segments	In Service	Curved bottom - inspected Mar. 2000 & Mar. 2001 - no measurable wear
Jan. 2000	Hydro Aluminum Kamøy RM, Norway	Complete hearth 13 segments	In Service	Flat bottom - inspected July 2003: no measurable wear
Dec. 2001	Tomago Aluminum, Australia	Complete hearth & back wall 29 segments	In Service	Curved bottom
Feb. 2002	Tomago Aluminum, Australia	Complete hearth & back wall 29 segments	In Service	Curved bottom - plans for similar lining of 2 further furnaces
Jun. 2002	Hydro Aluminum Kamøy RM, Norway	Complete hearth 17 segments	In Service	Flat bottom - inspected July 2003: no measurable wear
Jul. 2002	Hydro Aluminum Raufoss, Norway	9 side wall segments installed 200-300mm above bath level	In Service	Service time previous lining: repairs every 3-6 months
Aug 2002	Shinyo Alumirecycle Fuji Plant, Japan	5 Mt test furnace 3 segments	In Service	First inspection planned Jan. 2004
Oct 2002	NZAS Tiwai Point, New Zealand	Complete hearth & back wall	In Service	Curved bottom
Oct 2002	AMAG, Austria	6 segments	In Service	First inspection planned Apr. 2004
Jul. 2003	Hydro Aluminum Raufoss, Norway	9 side wall segments installed in line at bath level	In Service	Service time previous lining: repairs every 9 months
Aug 2003	Hydro Aluminum Adal, Norway	7 segments	In Service	5 ramp segments, 2 hearth segments
Aug 2003	Hydro Aluminum Adal, Norway	7 segments	In Service	5 ramp segments, 2 hearth segments
Aug 2003	AMAG, Austria	6 segments	In Service	
Dec. 2003	AMAG, Austria	6 hearth blocks & 12 segments for ramp & sill	In Service	Shipped to be installed during Nov. 2003
Dec. 2003	Tomago Aluminum, Australia	Complete hearth, back wall & side walls	In Service	Curved bottom and side walls
Dec. 2003	Bon L Aluminum Fickering, Canada	Round melted CSA's sill/ramp block 1,800# - 6' long	In Service	Customer pleased with early results
Feb. 2004	Hamburger Aluminum Werk, Germany	12 segments	In Service	Installation planned for Apr. - May 2004
Feb. 2004	Indalco Aluminum Mississauga, Canada	30,000# holder 8 B CR-B hearth blocks 1,200# each	In Service March 1/04	Reduced hearth thickness by 2', 2000 lb extra yield

## INDUSTRIES SERVED

- |                 |                    |                        |                           |
|-----------------|--------------------|------------------------|---------------------------|
| ☞ Refining      | ☞ Non-Ferrous      | ☞ Zinc                 | ☞ Precast Manufacturing   |
| ☞ Rock Products | ☞ Die-Casting      | ☞ Boiler Manufacturing | ☞ Mineral Processing      |
| ☞ Chemical      | ☞ Power Generation | ☞ Primary Aluminum     | ☞ O.E.M. Furnace Builders |
| ☞ Steel         | ☞ Incineration     | ☞ Secondary Aluminum   | ☞ Cremation               |