

A close-up photograph of a welding process, showing a bright blue and white arc of light and a shower of golden sparks emanating from a welding torch. The background is dark, making the sparks stand out prominently.

DAIKO[®]

The Ultimate Ni Base and High Alloy
Company in WELDING and CLADDING

DAIKO[®]
#daikoweldingconsumables



Specialized in Corrosion Resisting Alloys

**Fast Service, Technical Expertise
Stock Availability and Global Service**

#daikoweldingconsumables



- 40 Years in Business
- More than 60 shipments a day
- Up to 50 Million Euros Turnover
- A full combination of 300 products available
- 45 Employees and Consultants + a Worldwide Network of Partners
- More than 500 Customers around the world (including 30 Majors)
- Main field : CRA Corrosion Resisting Alloys
- One leading Product : DAIKO 625 Available in all size and forms
- Specific focus on 30 High Alloys grades
Ni Base, High Temp Alloys, SS and Duplex and Super Duplex
- The biggest available stock in the world....over 1000 tons:
Wires - Strips - Smaw - Fcaw - Fluxes



ONE COMPANY
Two Brands



#daikoweldingconsumables



The Whole Range On Solid
And Flux Cored Wires,
Strips, Fluxes And Nickel Base
Covered Electrodes

**DAIKO is a complete range of consumables
for welding and cladding including:**

- Nickel Alloys
- Duplex, Superduplex and Superaustenitic Steels
- Austenitic Stainless Steels
- Ferritic, Martensitic Stainless Steels
- Creep Resisting Steels
- Cryogenic Steels
- High Strength Steels
- Copper Alloys
- Aluminum Alloys
- Cobalt Alloys
- Titanium Alloys
- High Temperature Superalloys
- Repair and Maintenance

DAIKO brand covers the whole range on solid and flux cored wires, strips, fluxes and nickel base covered electrodes.



G-TECH[®]

SMAW For Welding
And Cladding

G-Tech brand is a complete range of covered electrodes for Shielded Metal Arc Welding (SMAW) used in joining and cladding applications, covering every type of alloys: stainless steels and high alloys (up to 20%Ni), low alloy steels, repair and maintenance including cast iron, hardfacing, dissimilar, copper and cobalt alloys.



Industry Segments

WELDING and CLADDING for:

Oil gas, On-shore / Off-shore
Chemical and Petrochemical Plants
Power generation (Coal, Gas Waste (Cladding))
Pressure vessels and piping manufacturers
Shipyard (FLNG, FPSO...)
LNG Tanks and piping (Cryogenic)
Corrosion resistant castings,
etc...

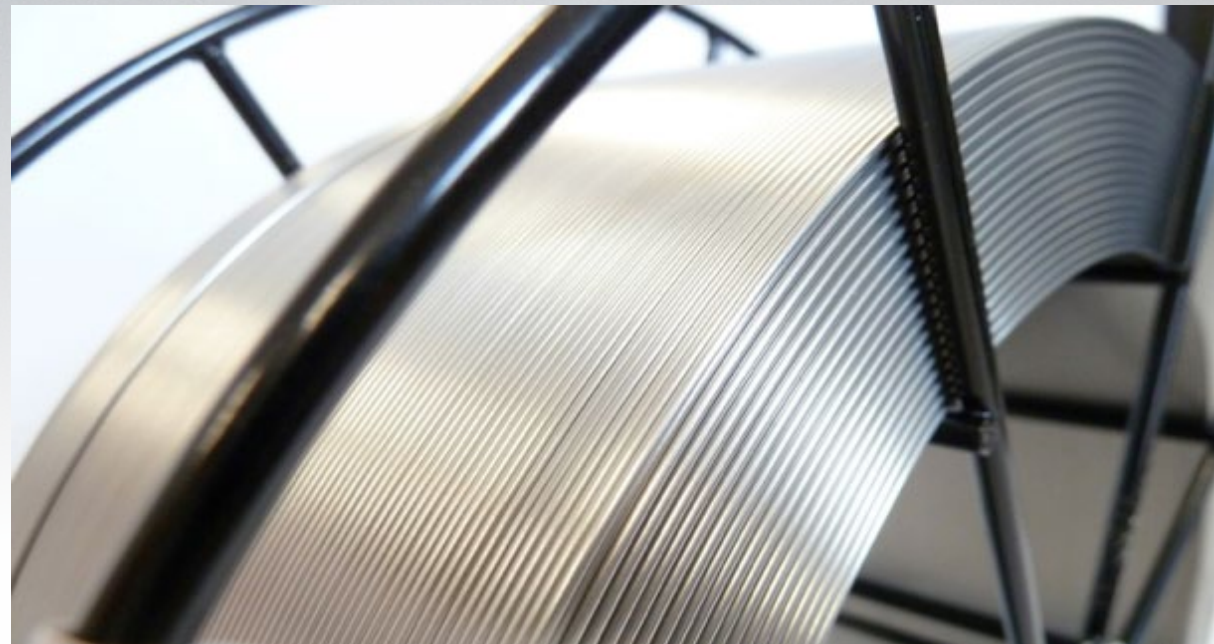




Leading product

 DAIKO 625

The Industry most trusted wire!



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Leading product

DAIKO 625

The highest performance of our **DAIKO SF 625**, reached in many years of experience all around the world, are the best guarantees of a top quality product.

We ensure:

- analysis conforming to AwsA5.14, ERNiCrMo-3
- every batch made with strictly controlled chemical composition
 - Fe content 0,3% max
- high quality weldability for all batches

DAIKO 625 is approved by the biggest worldwide users of 625 alloys, particularly where robot welding system applications are needed.



Leading product

DAIKO 625

DATA SHEET

DAIKO SF 625

ERNiCrMo-3

Available in: Mig - Tig - Saw

Specifications: AWS A5.14 ER NiCrMo-3
DIN 1736 SG-NiCr21 Mo9Nb (2.4831)
EN ISO 18274 Ni6625

Approvals: TÜV (Mig-Tig), CE

Applications:

Daiko SF 625 is designed to match the composition and properties of 625. This alloy is used for the high temperature strength and structural stability and is also used for its resistance to general corrosion, pitting, crevice and stress corrosion cracking in severe chloride media. Useful properties from -269°C to above 1000°C are achieved.

It is used for welding of alloy 625, alloy 825, alloy 25-6MO, and a range of high alloy austenitic and super austenitic stainless steels. It is also used for surfacing of steel, for welding 9% Ni steels, and for welding various corrosion-resistant alloys such as alloy 20. Applications include furnace equipment, petrochemical and power generation plants and also overlays on pumps, valves and shafts in offshore and marine environments where high pitting resistance (PRE = 50) is essential. Widely used in oil & gas production and process.

Typical composition %

C	Mn	Si	S	P	Cr	Ni	Mo	Nb+Ta	Cu	Al	Ti	Fe
0.02	0.02	0.10	0.005	0.005	22.0	65.0	9.0	3.50	0.05	0.20	0.20	<0.3

TYPICAL PROPERTIES "AS WELDED"

tensile strength	750 N/mm ²
0,2% proof stress	500 N/mm ²
elongation on 4D.	38%
impact energy	at -196°C = 80J
PRE	50
hardness "as welded"	250 HV
hard drawn hardness	450 HV

Shielding gas:

TIG: pure argon with back protection
MIG: pure argon or mixture Ar + 25-50% He

Complementary products:

Smaw Electrode:	Daiko 112	AWS A5.11	ENiCrMo-3
Flux Cored Wire:	Daiko FCW 625P	AWS A5.34	ENiCrMo3T1-4
Strip:	Daiko Strip 625	AWS A5.14	ENiCrMo-3
SAW Flux:	Daiko Flux 982 - Daiko Flux NI600		
ESW Flux:	Daiko Flux EHS 625		



Cladding applications



Wire



Cladding applications



Strip

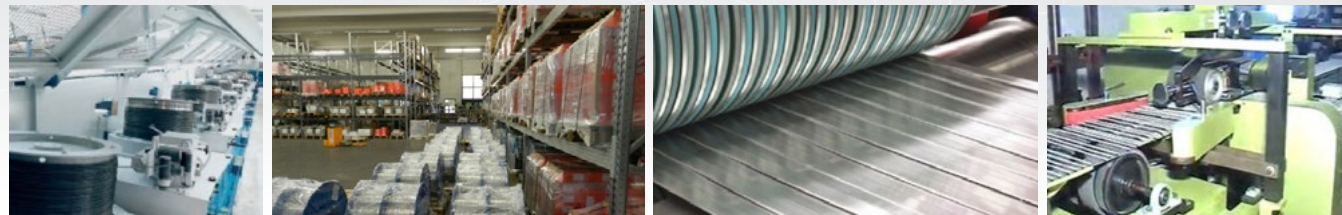
- DAIKO STRIP 625
- DAIKO FLUX 940 HIGH SPEED



European Design, Casting and Manufacturing



**DAIKO cast and Manufactures
in the European plants**



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Casting partnerships and R&D developments

The SUCCESS of DAIKO 40 Years in Service is linked to exclusive partnership with Casting Companies, and in particular for the Nickel Base Alloys.

Consistency of Chemical composition

Stringent Internal specifications for Base material and casts

Particular Specifications for surface finishing of Solid wires and Strips



Flux partnerships and R&D developments

In the same process way DAIKO technical department has developed Specific flux formulas for SMAW coatings and

**Specific flux formulas for:
Wire welding and cladding with SAW (Submerged arc process)**

**Strip Cladding : Submerged Arc process:
SAW and ESW (Electroslag)
(a specific presentation is available)**



Service and European warehouses

3 WAREHOUSES:
GREZZAGO - MILANO
OLMI - TREVISO
MOGLIANO VENETO - TREVISO

Over 5.000 SQUARE METERS



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Service and Global Network

GLOBAL PARTNERSHIP FOR A BETTER SERVICE

- Stock Management
- Technical Assistance



PARTNERS

Continental EUROPE
U.K.
U.A.E
BRAZIL
MALAYSIA
AUSTRALIA
SINGAPORE



AGENTS

SOUTH AFRICA
CANADA - USA
SOUTH KOREA





Quality Certifications

THE QUALITY MANAGEMENT SYSTEM OPERATED BY DAIKO SRL IS IN COMPLIANCE WITH THE STANDARD UNI EN ISO 9001: 2015 FOR PRODUCTION CONTROL OF WELDING CONSUMABLES AND FOR THE DISTRIBUTION OF WELDING CONSUMABLES AND METALLURGIC PRODUCTS.




CERTIFICATO n. **8868/0**
 CERTIFICATE No. **8868/0**

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
 WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

DAIKO SRL
 Sede e Unità Operativa
 *Via Toscana 3A-3B - 20056 Grezzago (MI) - Italia
 Unità Operativa
 *Via Aquileia, 13-15 - 31048 Olmi di San Biagio di Callalta (TV) - Italia
 *Controllo della fabbricazione di prodotti per la saldatura, in proprio marchio.
 *Commercializzazione di prodotti per la saldatura e di materiali siderurgici.

E CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 9001:2015

Sistema di Gestione per la Qualità / Quality Management System
 PER LE SEGUENTI ATTIVITÀ / FOR THE FOLLOWING ACTIVITIES

SA: 20

Controllo della fabbricazione di prodotti per la saldatura, a proprio marchio.
 Commercializzazione di prodotti per la saldatura e di materiali siderurgici.
 Production control of welding consumables. Trading of welding consumables and metallurgic products.

Per informazioni e assistenza, si prega di rivolgersi al numero verde 800 20 20 20 o al numero verde 800 20 20 20.

Data emissione First issue	Emissione corrente Current issue	Data di scadenza Expiry date
04/04/2018	04/04/2018	03/04/2021





THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CISQ/ICIM SPA has issued an IQNet recognized certificate that the organization:

DAIKO SRL
 Head Office and Operative Unit
 Via Toscana 3A-3B - I-20056 Grezzago (MI)
 Operative Unit
 Via Aquileia, 13-15 - I-31048 Olmi di San Biagio di Callalta (TV)

has implemented and maintains a
 Quality Management System

for the following scope:

Production control of welding consumables. Trading of welding consumables and metallurgic products.
 which fulfils the requirements of the following standard:

ISO 9001:2015

Issued on: **2018-04-04**
 First issued on: **2018-04-04**
 Expires on: **2021-04-03**

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document.

Registration Number: **IT-115775**




Alex Stachiw
 President of IQNET

Ing. Claudio Provetto
 President of CISQ

IQNet Partners*
 AFNOR Spain AFNOR Certification France APYER Portugal CCC Cyprus CSQJ Italy
 CQC China TÜRK TQM Center TÜRK Standartları CQC Cert. Center DQS Holding GmbH Germany PCAW Brazil
 FUNDONORMA Fininvest KONTAK Colombia Inspecta Sertifikant Oy Finland INTECO Costa Rica
 BEAM Argentina ISA Japan KQI Korea NIBTEC Greece MSCT Hungary NASKA AS Norway NSAI Ireland
 ANCC BRCI Mexico PCRQ Poland Quality Assuris Austria BSI British Standard SRI Slovenia
 SHRM QAS International Maldives SQS Switzerland SRAC Romania TEST S. Petersburg Russia TSE Turkey VUKOS Serbia
 IQNet is represented in the USA by: AFNOR Certification, CSQJ, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



Quality Certifications

DAIKO IS CERTIFIED BY TÜV
(CERTIFICATE OF FACTORY PRODUCTION
CONTROL NO. 0035 - CPR - C908)
FOR **FACTORY PRODUCTION CONTROL (FPC)**
SYSTEM AND THIS MEETS ALL CONTROL
CONDITIONS REQUIRED BY UNI EN 13479
“GENERAL RULE OF PRODUCT FOR FILLER
METALS AND FLUXES FOR FUSION WELDING
OF METALLIC MATERIALS”.

Certificate

Conformity of factory production control
pursuant to Regulation (EU) No. 305/2011: System 2+

No. of Certificate: 0035-CPR-C908

According to Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (Construction Products Regulation - CPR), this Certificate applies to the construction product stated below.

Scope of application: **Welding consumable (filler metals and fluxes)**
for fusion welding of metallic materials intended to be used in metal structures of metal-concrete composite structures.
Filler wires acc. to EN ISO 14343-A, EN ISO 18274
Filler rods acc. to EN ISO 14343-A, EN ISO 18274

Name and address of the company: **Daiko Srl**
Via Aquileia 13-15
31048 Cimé di San Biagio di Callalta (Trevise) – Italian

Specified requirements: This document is to certify that all the regulations governing the assessment and verification of conformity of performance as detailed in Annex ZA of the harmonized standard
EN 13479:2004
are applied under System 2+ and that the factory production control meets all the requirements described therein.

Period of validity: This Certificate, first issued on **April 08, 2009** will be valid as long as the methods of testing and/or requirements for factory production control, for assessment of performance of stated characteristics which are referred to in the harmonized standard remain unchanged and as long as minor changes only will be made with regard to the product and manufacturing conditions on site. It will expire on **November 30, 2018** at the latest.

Cologne, February 11, 2016
Revision 01 / May 16, 2016

TÜV Industrie Industrie Service Center
Notified Body for Construction Products
90035
Am Drachen Brun, 51109 Köln, Deutschland
e-mail: info@tuw.com

Chakawa
Y. A. Dzik-Ing. A. Marzowa
Certification Body for Construction Products
Rev. 1a

www.tuv.com



Quality Certifications

TÜV APPROVAL OF A MANUFACTURER OF WELDING CONSUMABLES PURSUANT TO VdTÜV-MERKBLATT SCHWEIßTECHNIK 1153:2012 **APPROVAL TESTING OF WELDING CONSUMABLES**

CERTIFICATE

on the
Approval of a manufacturer of Welding Consumables pursuant to
VdTÜV-Merkblatt Schweißtechnik 1153:2012
Approval Testing of Welding Consumables

Daiko Srl
Via Aquileia13-15,
31048 Olmi di San Biagio di Callalta (Treviso)
ITALY

have furnished conclusive evidence of the proper application of their in-shop quality assurance procedures to approved welding consumables. A survey covering the manufacturer's quality assurance system has been conducted by the undersigned Inspector of TÜV Rheinland Industrie Service GmbH proves that the requirements of the VdTÜV-Merkblatt are satisfied.

With this, the requirements for registration of your welding consumables in VdTÜV-Kennblatt 1000 is fulfilled.

This certificate is valid till November 30, 2018

The validity of the certificate may be extended by a new renewal of the approval acc. to VdTÜV 1153:2012.

Cologne, February 11, 2016
Revision 01 / May 16, 2016
TÜV Rheinland Industrie Service GmbH
Am Grauen Stein
D-51105 Köln
Tel +49 (0) 221 806 - 2206
e-mail joerg.hendeleng@de.tuv.com



www.tuv.com

TÜVRheinland®
Precisely Right.



High strenght alloy



BASE MATERIAL: S690QL

CONSUMABLES:

DAIKO 700 (SAW)

G-TECH 96 (SMAW)

DAIKO®

Oil & Gas Projects and other references

Over the last 40 Years DAIKO has provided Cladding and Welding Consumables for hundreds of Oil and Gas Projects to Equipment Suppliers, Cladding Companies, Subcontractors, Contractors, Construction Consortium, Engineering Companies and End Users...





Customer Care

Customer Care is our aim

With the several department of DAIKO:

Reliable Products Control Process

Commercial efficiency

Technical assistance

Stock availability

Expediting

As we are a « Service dedicated » Company:
We are perfectly happy with client pressure!

DAIKO®

Oil and Gas shows and Welding Fairs



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DAIKO[®]



Motorsports Sponsoring

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DAIKO®



2018 - Blancpain GT Endurance Cup Championship
2018 - GT Open Championship

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DAIKO®



2018 - MotoGP DUCATI Official Partner

#daikoweldingconsumables



Official Partner

DAIKO®



2019 - MotoGP DUCATI Official Partner

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Official
Partner



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www.daikowelding.com