KLINAS FASTENER TECHNOLOGIES

We are European manufacturer of fastening techniques for professionals and individual clients

STRONG FOR GENERATIONS

KLIMAS Wkręt-met products portfolio

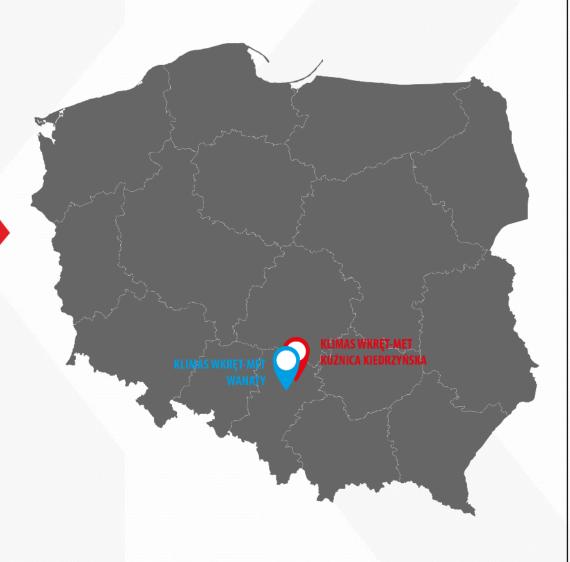




of experience in the fastening technology industry. These products are used by construction companies as well as retail clients in many projects in over 70 countries.

European producer of fastening techniques from Poland







KLIMAS Wkręt-met in numbers





Advanced Machinery Park - Injection Moulding Machine Department







PRODUCTS DEVELOPED BY R&D WIDE RANGE OF SIZES TOP QUALITY

STATE-OF-THE-ART INJECTION MOULDERS





Advanced Machinery Park - Research and Development Department













Long-term KLIMAS experience and presence in European ETICS market



EUROPEAN ETICS MARKET 2020 PER AREA



≈ 16,5% Eastern Europe ≈ mil. 57,0 m²

≈ 0,6% Northern Europe ≈ mil. 2,1 m²

≈ 5,6% Western Europe ≈ mil. 19,4 m²

≈ 43,7% Central Europe ≈ mil. 150,6 m²

≈ 13,2% South-east Europe ≈ mil. 45,5 m²

≈ 20,4% Southern Europe ≈ mil. 70,2 m²

In total ≈ mil. 344,9 m²



Activities related to ETICS





Polish association for ETICS "Stowarzyszenie na rzecz Systemów Ociepleń - SSO" Member

"European Association for ETICS - EAE"

Member

French association for ETICS "Le Mur Manteau" Member

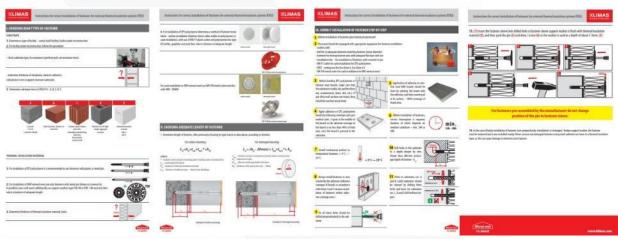






Education, trainings, tips and tricks for ETICS installation





British association for EWI (ETICS) "INCA" Member



ETICS fasteners to every kind of application







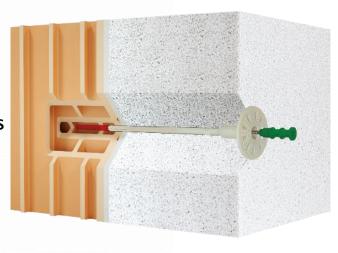
Fasteners with plastic and metal pin to every kind of insulation



Certified fasteners with European Technical Assessments ETA - compliance with ETAG 004, ETAG 014 and EAD









Hammer driven and screwed-in fasteners





Fasteners to every substrate categories

SUBSTRATES (ETAG 014 ABCDE)

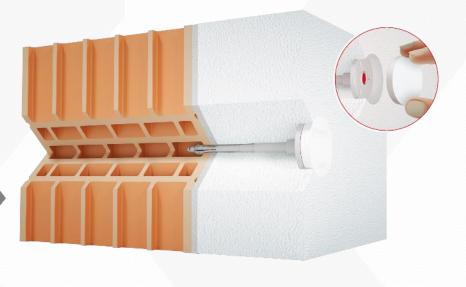
A

B

C

E

ETICS fasteners with ETAs. Special fasteners with National Technical Assesments



ECO-DRIVE 8 - Screwed-in fastener with metal pin and telescopic support collar



DRIVE S - Screwed-in fastener for fastening of polystyrene EPS in wooden substrate



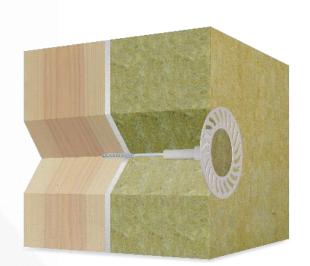








ECO-DRIVE S 8 - Screwed-in fastener with metal pin and telescopic support collar





Technical service dedicated to ETICS market





Technical advisory and business support - dedicated Product Manager and Technical Advisory Engineers for ETICS system providers

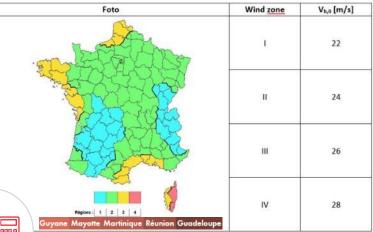


Technical consultancy and support tools









	Catégorie de terrain	z o [m]	z _{min} [m]
0	Mer ou zone côtière exposée aux vents de mer ; lacs et plans d'eau parcourus par le vent sur une distance d'au moins 5 km	0,005	1
Н	Rase campagne, avec ou non quelques obstacles isolés (arbres, bâtiments, etc.) séparés les uns des autres de plus de 40 fois leur hauteur	0,05	2
Illa	Campagne avec des haies ; vignobles ; bocage ; habitat dispersé	0,20	5
IIIb	Zones urbanisées ou industrielles ; bocage dense ; vergers	0,5	9
IV	Zones urbaines dont au moins 15 % de la surface sont recouverts de bâtiments dont la hauteur moyenne est supérieure à 15 m ; forêts	1,0	15

NOTE 1 Les catégories de terrain sont illustrées par les photographies aériennes des figures 4.6(NA) à 4.14(NA).

NOTE 2 Le coefficient de rugosité, fonction de la catégorie de terrain et de la hauteur z, est illustré à la figure 4.15(NA).

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Wind calculations - selection and determination a quantity of fasteners for specific wall on the specific building



Our goal is to give satisfaction to our proffesional partners and provide high quality products and service dedicated to specific ETICS system requirement

KLIMAS. Strong for generations

Thank you