

itaca
BUILDING
MATERIALS

INSPIRED BY SCIENCE

IIBCC 2022
HAMBURG | GERMANY

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itaca is member of altadia 





esmalglass·itaca
grupo



.younexa

VETRICERAMICI



Endeka

quimiCer

Gardenia

zircosil

OXIMET

SPC





Consolidated figures 2022



19

Production sites



3.700

Full Time Employees (FTE)



12

Mixing units



1200

M€ of turnover LTM





From Spain to the **whole world**



- España (7)
- Italia (4)
- Portugal
- Polonia (2)
- Rusia
- Turquía (2)
- Egipto (2)
- Sudáfrica
- EAU
- India (2)
- Indonesia (4)
- Vietnam (3)
- Tailandia (2)
- Malasia (2)
- China (7)
- México (4)
- Brasil (3)
- Argentina
- Perú



Sales in **+60 countries**



Present in **19 countries** with **51 subsidiaries**





Altadia businesses



Ceramic tiles



Frits & Glazes



Pigments



Digital inks

30.000 ton.

2.100 million m²

18.000 ton.

Building Materials



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Textile



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Packaging



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- Concrete slab
- Fibercement board
- Cast stone
- Plywood
- non porous



Inkjet market evolution

New start-ups machines worldwide evolution

altadia 

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*
N° of installed machines	-	397	951	2.050	1.651	1.031	885	800	684	334	150
Total machines	333	730	1.681	3.731	5.382	6.413	7.269	8.069	8.753	9.087	9.237
Conversion Rate	5%	10%	23%	48%	62%	68%	73%	77%	87%	93%	96%
Total lines	6.600	6.900	7.300	7.800	8.700	9.500	10.000	10.500	10.100	9.750	9.650
CAGR											39%

* Altadia group has a world market share of over 26%

Our **proposal**

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Digital printing customization



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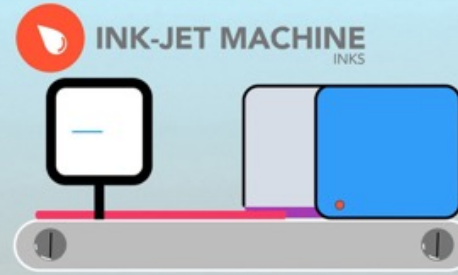
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how we **do it**

1. PRE-TREATMENT
Adhesion and color development



2. DIGITAL DECORATION
Inorganic inks and permanent colors



3. FINISHING
Final protection and product properties



Blank board/substrate



+ Primer



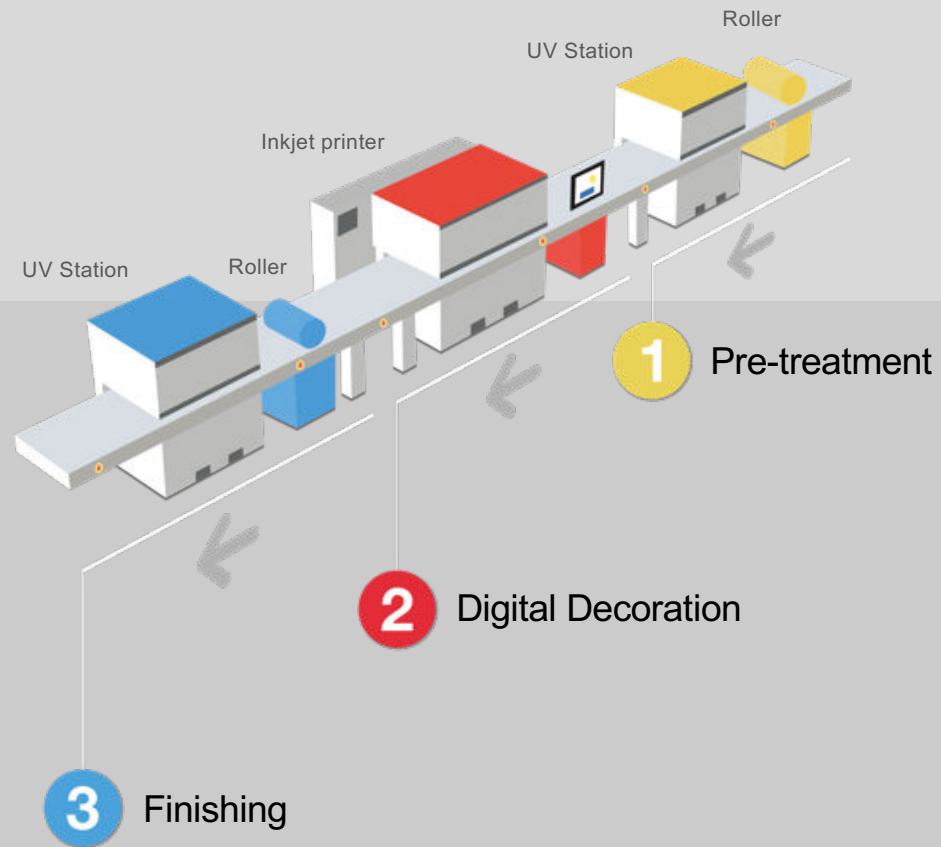
+ Digital inorganic inks



+ Top coat finish

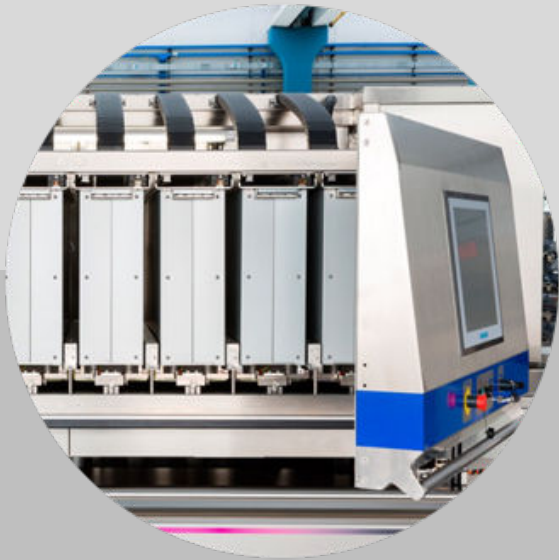


Streamlined process



Why this **technology**?

Three important reasons:



Proven technology



Inorganic colours



Cost effective

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Our **products & services.**

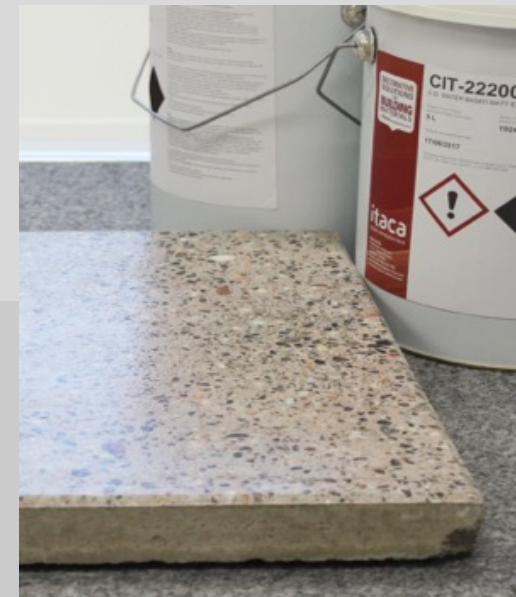
Our products:



Primers



Digital inorganic inks



Protective top coats

Our services:

Consultancy



Technical support



Open Business Model



Product development

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Durability. **HOW LONG DOES IT LAST?**

Lab evaluation. International standards.



Dry adherence test

Adherence after water immersion

ASTM3359-97
BS EN ISO4628:2003



Scratch resistance

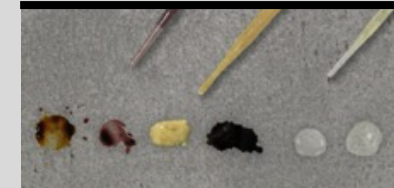
DIN55656



Abrasion resistance

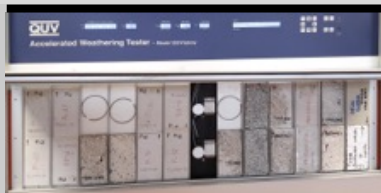
- Taber Test
- Pedestrian traffic resistance

ASTM D4060-14
UNE-EN138001:2008 IN



Chemical resistance

UNE_48027=1980



Artificial weathering

ASTM G154 cycle 2



Freeze-thaw resistance

BS EN 1339:2003



Slip resistance

UNE-EN 12633:2003

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BUILDING
MATERIALS

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PRINT IT!

**ANY SURFACE
ANY MATERIAL
FOR OUTDOOR & INDOOR
SUNLIGHT RESISTANT**

Thanks for your attention

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