



Environmental
Product
Declaration

ISO 14025:2010

UNE-EN 15804:2012+A2:2020/AC2021



AENOR

Natural aggregates

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Federación de Áridos - FdA



The holder of this declaration is responsible for its content, as well as for the retention of supporting documents for the data and declarations included during the period of validity



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LCA study



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AENOR is a founding member of ECO Platform, the European association of environmental product declaration verification programmes.

UNE-EN 15804:2012+A2:2020/AC 2021
Independent verification of declaration and data in accordance with EN ISO 14025:2010 ☐ Internal ☒ External
Verification body AENOR Product certification body accredited by ENAC N° 1/C-PR468

1. General information

1.1. Organization

The Federación de Áridos, hereinafter FdA, incorporated in 2007, is a non-profit organisation, composed of ANEFA, ARIGAL, ARIVAL, EUSKAL ÁRIDO and GREMI D'ÀRIDS DE CATALUNYA, which represents the interests of aggregates producing companies in Spain, both nationally and internationally.

The objectives of the FdA include the promotion of the sustainable development of the sector, environmental protection and corporate social responsibility, through technical improvement, the application of good practices and compliance with standards and regulations on production and product quality, environment, etc.

With this sectoral EPD, the FdA focuses on promoting corporate social responsibility strategies, in addition to:

- The circular economy.
- Facilitate the marketing of their products.
- Reduce the risk associated with changes in environmental legislation or customer purchasing criteria.
- Communicate, in a standardized way, the environmental performance of its products and services.

The holder of this sectoral Environmental Product Declaration - DEP - is the FdA, whose contact details can be found on page 2 of this declaration.

This sectoral DEP is for the exclusive use of the undertakings and establishments listed in ANNEX I.

1.2. Scope of the Declaration

This sectoral EPD includes only modules A1- A3, product stage according to the modular scheme defined in UNE- EN 15804+A2.

This EPD is therefore of the "cradle to door" type.

1.3. Lifecycle and Compliance

This EPD has been developed and verified in accordance with UNE-EN ISO 14025:2010 y UNE-EN 15804:2012+A2:2020/ AC 2021.

Product category rule information	
Descriptive title	Sustainability in construction. Environmental product declarations. Basic rules of product categories for construction products.
Registration code and version	UNE-EN 15804:2012 + A2:2020/ AC 2021
Date of issue	2020-03
Compliance	UNE-EN 15804:2012 + A2:2020/ AC 2021
Program Officer	AENOR CONFÍA, S.A.U.

This environmental statement includes the following stages of the life cycle:

System limitations. Information modules taken into account

Product stage	A1	Supply of raw materials	X
	A2	Transport to the factory	X
	A3	Manufacture	X
Construction	A4	Transport to the site	MNE
	A5	Installation / construction	MNE
Stage of use	B1	Usage	MNE
	B2	Maintenance	MNE
	B3	Repair	MNE
	B4	Replacement	MNE
	B5	Rehabilitation	MNE
	B6	In-service energy Consumption	MNE
	B7	Water use in service	MNE
Later life	C1	Deconstruction / demolition	MNE
	C2	Transport	MNE
	C3	Residue treatment	MNE
	C4	Elimination	MNE
	D	Potential for reuse, recovery and/or recycling	MNE
X = Module included in the LCA; NR = Module no relevant; EMN = Unassessed module			

This EPD may not be comparable with those developed in other programs or according to different reference documents, in particular it may not be comparable with the EPD not developed according to UNE-EN 15804+A2.

Similarly, EPD may not be comparable if the source of the data is different (e.g. databases), if not all relevant information modules are included, or if they are not based on the same scenarios.

The comparison of construction products must be made on the same function, applying the same functional unit and at the level of the building (or architectural or engineering work), i.e. including the behavior of the product throughout its life cycle, as well as the specifications of section 6.7.2 of UNE-EN ISO 14025.

1.4 Differences from previous versions of this DAP

This DAP is an update to the version published on 2023-03-27.

This review is issued to add more companies to the sectoral DAP, which modifies the results obtained.



2. The Product

2.1. Product identification

Aggregates are normally defined as fragments or grains of mineral materials, inert solids that, with appropriate particle size, can be used in construction (building and infrastructure) and in many industrial applications, alone or with the addition of cement, lime or bituminous binder.

Aggregates are classified according to their origin:

- Áridos naturales.
- Áridos artificiales.
- Áridos reciclados.

This sectoral EPD applies to natural aggregates.

Natural aggregates are those of mineral origin that have only been subjected to mechanical processes.

2.2. Product Uses.

The main areas of application of natural aggregates can be summarized as follows:

- Aggregates for mortar, according to UNE EN 13139.
- Aggregates for concrete, according to UNE EN 12620.
- Aggregates for hydrocarbon mixtures and surface coatings used in the construction of pavements, aerodromes and other traffic areas, according to UNE EN 13043.
- Aggregates for materials treated with hydraulic binders and untreated materials used for civil engineering works and for pavement construction, according to UNE EN 13242.
- Aggregates for railway ballasts, according to UNE EN 13450.
- Aggregates for riprap s – Part.

1: Specifications, according to UNE EN 13383-1.

2.3. Product Performance

The performance of aggregates can be summarized in the indicator describing the resistance to fragmentation via the Los Angeles coefficient.

Performance	Calculation or test method	Value	Units
Strength to fragmentation (Los Angeles coefficient coefficient)	UNE-EN 1097-2	≤45	Dimensionless

2.4. Composition of the product

Natural aggregates include the 27 different types of rocks included in the Spanish mining statistics 2018. The variety of rocks extracted on the façade, following the responses of plants associated with the FdA involved in the study, are as follows siguientes:

Type of material	Total (%)
Andesite	0,33%
Amphibolite	1,18%
Clay	0,74%
Silica sand	3,24%
Sand and gravel	14,85%
Sandstone	0,03%
Basalt	1,00%
Limestone	53,06%
Dolomitic limestone	0,06%
Corneal	1,29%
Quartzite	1,77%
Diabases	0,09%
Dolomite	5,45%
Phonolite	0,41%
Granite	7,65%
Grauwacke	0,22%
Ignea	0,10%
Mylonite	0,12%
Ophite	2,63%
Other rocks	4,67%
Slate	0,00%
Porphyry	0,40%
Serpentine and dunite	0,27%
Trachyte	0,20%
Shale	0,15%
Peridotite	0,11%
Total	100,00%

The variety of raw material for isolated sites is as follows:

Type of material	Total (%)
Clay	0,00%
Silica sand *	0,81%
Sand and gravel *	52,15%
Basalt	0,00%
Limestone*	37,35%
Dolomite	0,00%
Granite	1,54%
Ignea	0,63%
Other rocks *	7,52%
Grand total	100,00%



3. Information about LCA

3.1. Life Cycle Assessment

This EPD is based on a life cycle assessment "from cradle to door" A1-A3, carried out by IECA with the collaboration of Marcel Gómez Consultoría Ambiental.

3.2. Declared unit

1 ton of natural aggregates.

3.3. Reference useful life (RSL)

In general, the reference service life will be that of the element or application in which the aggregates are used, and ranges from 50 to 100 years.

3.4. Distribution criteria

For flows associated with the production process, such as energy consumption and residue generation, a physical criterion (mass) was applied to allocate inputs and outputs from the production system to each product, based on production. No simplification has been made to these flows and they are taken into account in their entirety. The distribution of co-products was a financial distribution.

3.5. Cut-off criteria

Generally, the cut-off criteria are 1% of renewable and non-renewable primary energy consumption and 1% of the total input mass of the manufacturing process (according to UNE-EN 15804). The assessment considers all available data from the production process, i.e., all raw materials used, auxiliary materials used, and energy consumption, using the best available data sets in the reference database.

3.6. Representativeness, quality and selection of data

To model the overall treatment/manufacturing process, production data from companies participating in this EPD were used for the year 2019, which is considered the base year.

Data were obtained from these sites on: energy consumption for processing in the site until shipment, consumables, transport distances, tailings production and all production operations likely to generate environmental impacts.

In general, activity data are obtained from complete records of annual production using reliable measurement processes for each of the production sites associated with the FdA.

All data relate to the year 2019, with a temporal correlation of 1 to 10 years compared to the sets in the database. With a satisfactory Spanish geographical correlation with representative sets of the European context and, finally, with the same or similar technological correlation, with regard to flows for processes such as the use of machinery or transport equipment.

Data management and control ensure data quality in terms of representativeness and consistency, as required by the FdA.

Ecoinvent Data Quality systems was used as a methodology for data quality assessment during the development of LCA.

The contribution by type of treatment is as follows:

Total production by type of aggregate	%
Crushed natural aggregates	84,88
Uncrushed natural aggregates	15,12

3.7. Other calculation rules and assumptions

The inventory data used is the weighted average of the data specific to the aggregate under consideration. The weights are based on the output of each individual farm in relation to total production.

These aggregates include all the variability of the typologies of the population of the holdings considered, both from the point of view of the type of farm, the technology used and the origin of the aggregate (see section 3). It includes operations throughout the country.

The aggregates production considered represents 71.0% of that integrated into the FdA and 57.1% of the total of Spain.

As for the source of the data, data from the manufacturer survey and processes from Ecoinvent 3.8 were used when these were not available or when modelling transport and similar processes.

Weighted averages were used for energy consumption attributable to frontline or on-site consumption for electricity, diesel and natural gas.

The electricity mix corresponds to the year 2019 based on REE data. The percentage of renewable electricity produced and consumed in the facility is 2.37% of the total. Transport has been taken into account since the beginning with aggregate or consumables by truck, sea, or rail. Each site also reported the road transport distance for each of the secondary materials (explosives and detonating cords, diesel, gasoline, fuel oil, lubricants, additives and flocculants). The total quantity transported, and the weighted average distance were therefore determined for each production site.

For consumables and raw materials, the aggregate tonne*kilometre ratios are 0.064 t*km and 2.080 t*km respectively.



4. System limitations, scenarios and additional technical information

The approach used was that of "cradle to door", i.e. an A1-A3 declaration where:

A1, extraction of aggregates in front or in a gravel pit.

A2, transport of aggregates from the façade or gravel pit to the treatment site. Transport of consumables and fuels to the processing site.

A3, aggregates treatment site.

Information modules not considered should be marked as "Unassessed Module (UNM)". The cradle-to-door approach is justified because, in most of the applications mentioned, aggregates lose their physical identity since they are constituents of other building products such as concrete, mortars, road surfaces, etc.

The following criteria were used to select the most representative processes:

- That it be representative data on the technological development actually applied.
- In general, the data provided by the manufacturers were taken into account according to the proximity criterion, i.e. the use of the data provided by the manufacturers.

Simplifications have been avoided as far as possible, retaining all the variability of input data in terms of type, nature and processing.

4.1. Process upstream of manufacturing

The exploitation of natural aggregates can be done in quarries or gravel pits. Module A1 integrates all environmental loads arising from the extraction of rock or gravel, depending on their nature.

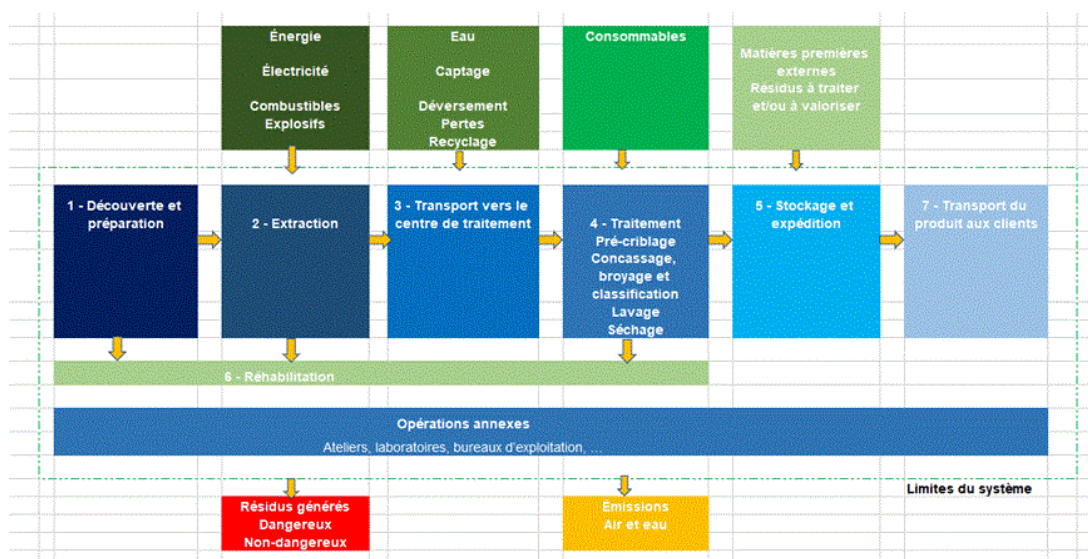
4.2. Processes related to transport

Module A2 includes the transport of aggregates to processing sites, as well as the transport of consumables, spare parts and fuels to farms.

4.3. Product Manufacturing

Module A3 includes on-site aggregates processing. Sites can include a wide variety of processes, including the usual crushing, grinding and classification, as well as the less common thermal washing and drying.

The general approach used is shown in the following diagram:



5. LCA and ICV Environmental Parameter Declarations

The results of the estimated impact are relative and do not indicate the final value of the impact categories, nor do they refer to threshold values, safety margins or risks.

Environmental impacts

Parameter	Unit	A1	A2	A3	A1+A2+A3
GWP – total	kg CO ₂ eq.	2,07E+00	2,91E-01	2,48E+00	4,84E+00
GWP – fossil	kg CO ₂ eq.	2,06E+00	2,91E-01	2,37E+00	4,72E+00
GWP – biogenic	kg CO ₂ eq.	1,79E-03	1,70E-05	1,11E-01	1,13E-01
GWP – luluc	kg CO ₂ eq.	1,27E-03	2,35E-06	2,12E-03	3,39E-03
ODP	kg CFC 11 eq.	3,46E-07	6,91E-08	4,43E-07	8,58E-07
AP	mol H ⁺ eq.	6,22E-02	5,78E-04	1,78E-02	8,05E-02
EP – freshwater	kg P eq.	1,97E-05	1,49E-07	7,95E-05	9,94E-05
EP – marine	kg N eq.	2,11E-02	9,60E-05	6,58E-03	2,78E-02
EP – terrestrial	mol N eq.	3,09E-01	1,07E-03	6,35E-02	3,74E-01
POCP	kg NMVOC eq.	6,26E-02	3,77E-04	1,98E-02	8,27E-02
ADP – minerals and metals ¹	kg Sb eq.	8,88E-07	1,26E-08	4,23E-06	5,13E-06
ADP – fossil ¹	MJ	2,60E+01	4,13E+00	5,43E+01	8,44E+01
WDP ¹	m ³	3,11E+00	-6,95E-04	7,01E+00	1,01E+01

GWP - total: Global warming potential; GWP - fossil: Global warming potential of fossil fuels; GWP - Biogenic Global Warming Potential; GWP - luluc: Global warming potential of land use and land-use change; ODP: Stratospheric ozone depletion potential; AP: Acidification potential, cumulative surplus; EP-freshwater: Eutrophication potential, fraction of nutrients reaching the final freshwater compartment; EP-marine: Eutrophication potential, fraction of nutrients reaching the final compartment of marine water; PE-terrestrial: Eutrophication potential, cumulative surplus; POCP: Tropospheric ozone formation potential; ADP-minerals&metals Potential for depletion of abiotic resources for non-fossil resources; Fossil ODA: Potential for depletion of abiotic resources for fossil resources; WDP: Water deprivation potential (user), weighted water deprivation consumption. NR: Not relevant

¹ The results of this environmental impact indicator should be used with caution as the uncertainties of these results are high and experience with this parameter is limited..

Resource utilization

Parameter	Units	A1	A2	A3	A1-A3
PERE	MJ	6,21E-01	6,33E-03	4,13E+00	4,75E+00
PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	6,21E-01	6,33E-03	4,13E+00	4,75E+00
PENRE	MJ	2,60E+01	4,13E+00	4,55E+01	7,56E+01
PENRM	MJ	0,00E+00	0,00E+00	8,81E+00	8,81E+00
PENRT	MJ	2,60E+01	4,13E+00	5,43E+01	8,44E+01
SM	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m ³	7,36E-02	1,06E-05	8,19E-02	1,56E-01

PERE: Use of renewable primary energy excluding renewable primary energy resources used as raw material; **PERM**: Use of renewable primary energy used as raw material; **PERT**: Total use of renewable primary energy; **PENRE**: Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials; **PENRM**: Use of non-renewable primary energy used as raw material; **PENRT**: Total non-renewable primary energy consumption; **SM**: Use of secondary materials; **RSF**: Use of renewable secondary fuels; **NRSF**: Use of non-renewable secondary fuels; **FW**: Net use of piped water resources; **NR**: Not relevant

Residue categories

Parameter	Units	A1	A2	A3	A1-A3
HWD	kg	6,61E-05	1,08E-05	2,27E-01	2,27E-01
NHWD	kg	8,76E+01	1,70E-04	5,89E+01	1,47E+02
RWD	kg	1,60E-04	2,95E-05	3,63E-04	5,53E-04

HWD: Hazardous waste disposed of; NHWD: Non-hazardous waste disposed of; RWD: Radioactive residues disposed of; NR: Not relevant

Output stream

Parameter	Units	A1	A2	A3	A1-A3
CRU	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	kg	0,00E+00	0,00E+00	9,34E-01	9,34E-01
MER	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EE	MJ	0,00E+00	0,00E+00	6,95E-03	6,95E-03

CRU: Components for reuse; MFR: Materials for recycling; MER: Materials for energy recovery; EE: Energy exported; NR: Not relevant

Information on biogenic carbon content

Biogenic carbon content	Units	Result per reported functional unit
Biogenic carbon content produced - kgC	kg C	0,00E+00

6. Additional environmental information

6.1. Air emissions.

Natural aggregates are free of volatile organic compounds that may be emitted during use.

6.2. Emissions to soil and water.

Natural aggregates do not emit any compounds into the soil or water during their use phase, as they are a product that does not undergo physical, chemical, or biological transformations; they are neither soluble nor combustible, nor do they react physically, chemically, or in any other way; they are not biodegradable; and they do not negatively affect other materials with which they come into contact in a way that could lead to environmental contamination or harm human health.

They are a non-leaching product, so they do not pose a risk to the quality of surface or groundwater..

6.3. Biogenic Carbon Content

Natural aggregates do not contain materials containing biogenic carbon.

6.4. Other Declarations

The product does not contain substances included in the European Chemicals Agency's Candidate List of Substances of Very High Concern for Authorisation.

6.5. Electricity Mix

The electricity mix has been calculated for 2019 based on data from the CNMC's mix of non-GdO retailers:

- 0,310 kgCO₂ eq/ kWh.

Appendix 1. Associated production sites

AIZKIBEL, S.A.

SAN ANTÓN/ALBIZTUR
SAN JOSÉ/URNIETA

ALTUNA Y URIA, S.A.

SÍSTIAGA

ARCILLAS Y ARENAS REFRACTARIAS PANDOLS, S.A.

CONCESION MINERA PANSA
VILANOVA

ARENAS FORNA, S.L.

EL COLLAET Nº 591
PEÑALBA Nº 577

ARENAS NATURALES DA LIMIA, S.L.

NAIRA Nº 382

ARENERA NORTEÑA, S.L.

CASTRO Nº 143

ARENES BELLPUIG, S.L.

AMPLARENES BELLPUIG 1
ANGLESOLA AMP
LA CLOSA

ARIAS INFRAESTRUCTURAS, S.A.

CANTERA DE TRAMBASAGUAS Nº 7

ARIDCAL, S.A.

EL CASTELLOT

ÁRIDOS AGUILAR, S.L.

VILLARÉN Nº 3.508

ÁRIDOS BLESA, S.L.U.

ALTOS PEÑES Nº 3.001

ÁRIDOS BOFILL, S.A.

SUSQUEDA

ÁRIDOS CARASOLES, S.L.

CARASOLES-2943

ÁRIDOS CASINOS, S.L.

CAPA BLAVA Nº 1.159

ÁRIDOS CNC, S.L.

MIRAMONTES Nº 6770.1

ÁRIDOS DE LA LUZ, S.L.

ÁRIDOS LA LUZ

ÁRIDOS DE REBOIRA, S.A.

REBOIRA Nº 41

ÁRIDOS EL PINAR, S. A.

ARIPISA

ÁRIDOS EL VEDAT, S.A.

EL VEDAT Nº 813

ÁRIDOS FILAES, S.L.U.

CANTERA FILAES

ÁRIDOS HERMANOS CURANTA, S.A.

MEANDRE VELL-L'ILLA
PAIRADES

ÁRIDOS LA CABEZA, S.L.U.

ÁRIDOS LA CABEZA

ÁRIDOS LA MUELA, S.L.

SOMUÑO Y AMPLIACIÓN SOMUÑO

ÁRIDOS LAVADOS, S.L.

RAQUEL

ÁRIDOS LES PLANES, S.A.

PLANTA TRATAMIENTO ÁRIDOS LES PLANES

ÁRIDOS LÓPEZ, S.L.U.

EL CUBET Nº 728

ÁRIDOS MONFORT, S.A.

FRONTÓ

ÁRIDOS MORÓN, S.L.

SAN CRISTÓBAL

ÁRIDOS MUXARA, S.L.

SERRETA MUXARA MONTE II

ÁRIDOS NÚÑEZ, S.L.U.

CANTERA ANA

ÁRIDOS VALDEARCOS, S.L.

VALDEARCOS

ÁRIDOS Y CANTERAS DEL NORTE, S.A.

APARIO
GALDAMES II
LAS BRAÑAS
NAFARRONDO
OFITAS DE RIGOITIA

ÁRIDOS Y EXCAVACIONES EL CRISTO, S.L.

EL CRISTO II-3/4

ÁRIDOS Y EXCAVACIONES RUBERTE, S.L.

VILLANUEVA

ÁRIDOS Y EXTRACCIONES PLATERO MARTÍNEZ, S.L.

LA BICUERCA

ÁRIDOS Y HORMIGONES ALGUETA, S.L.

ALGUETA

ÁRIDOS Y HORMIGONES HERMANOS GIL, S.L.

MAS DEL PONT Nº 556

ÁRIDOS Y HORMIGONES PEREZ JIMENEZ, S.L.

CERRO JUAN FELIPE Nº 40.551

ÁRIDOS Y RECUPERACIONES, S.L.U.

LAS ARENILLAS

ÀRIDS ALBESA, S.L.

LLENGUA EIXUTA/ERAL NOU

ÀRIDS ANTON, S.L.

CAN CLARAMUNT

EL TRUQUELL

MOLINS DE REI

ÀRIDS BOFILL, S.A.

REGENCÓS

ÀRIDS DANIEL, S.A.

CORB

PLANTA VALLFOGONA DE BALAGUER

ÀRIDS DEL SOLSONÈS, S.A.

PLANTA D'ÀRIDS RIBERA SALDA

ÀRIDS EL CATALÀ, S.A.

FRAUQUES-SENEN

PARTIDA VINYASSES S/N

ÀRIDS GARCIA PEDRERA GAR1, S.L.

GAR-1

ÀRIDS I EXCAVACIONS MONTROIG, S.L.

PINAR DEL LLOP

ÀRIDS JAUME COLOMER, S.L.

PLA DE SALANCA I PLA D'ILLA

ÀRIDS MALLAFRÉ, S.L.

MALLAFRE II

MARGARITA

PLANTA DE TRATAMIENTO

ÀRIDS SOLESTANY, S.A.

BUSQUET RA-2.788

LA VENTA FCA 619

UDE MALLOAT RA-5.158

ARIDUR HORMIGONES, S.L.

CUEVA CATALINA

ARISTARIA, S.L.

EL PORVENIR Nº 704

ARQUITECTURA MATERIALES Y CONSTRUCCIÓN, S.L.

FORGOSELO

ARTISORRA, S.L.U.

ARTISORRA

ASFALTOS LOS SANTOS, S.A.

SIERRA EL CASTILLO

AYMAR, S.A.U.

PLANTA DE BENEFICIO FCA 432

BENITO ARNÓ E HIJOS, S.A.U.

ATIENZA

CAN XINXES/PLANTA ALFARRÀS

EL ALJIBE

SORIANA

CAL DE CASTILLA, S.A.

CALCASA FR.1ª-2 Nº 3080

CALERAS DE LISKAR, S.A.

LISKAR

CALES DE LA PLANA, S.A.

BARRAQUERO

PEÑANEGRA

POLIOLA

CALES DE LLIERCA, S.A.ESPERANÇA/TRAMUNTANA/TRAMUNTANA,
AMPLIACIO**CALGOV, S.A.**

LATOES

CALIZAS CAMPO REAL, S.A.

MORATA II, FRACCIÓN 2ª, Nº 2756-003

CAN PIPA, S.L.

ARFLUSA

LES SERRES

CANARY CONCRETE, S.A.U.

MESA DEL SALINERO

CANTEIRA DA MINA, S.L.

COSTA DO CUZO Nº 129

CANTEIRA DO PENEDO, S.A.

CANPESA Nº 6.057

CANTERA FRADE, S.L.

DEHESA DE ARRIBA

CANTERA SAN CARLOS, S.L.

SAN CARLOS

CANTERA ÁRIDOS PUIG BROCA, S.A.

PUIG BROCA

CANTERA GRAVILLA SAN MIGUEL, S.A.

COLL DE SA GRAVA-SANT MIQUEL

CANTERA GRAVILLA SON AMAT, S.A.

SON AMAT

CANTERA HARRIMAR, S.L.

JAIME

CANTERA LA TORRETA, S.A.

LA JOQUERA

SIERRA GORA

CANTERA SÍNEU, S.L.

SON TEY

CANTERAS ÁVILA, S.L.

IGNACIO II

CANTERAS CANRO, S.A.

CAN DONADEU Nº 1.945

CANTERAS DE ALAIZ, S.A.

LA NUEVA

CANTERAS DE MARKINA, S.A.

UGARTETXEA

CANTERAS DE MURO, S.L.

COSTAL VELLO Nº 147

CANTERAS DE OSKIA, S.L.

LETE

OSKIA

CANTERAS DE RICHINOL, S.L.

RICHINOL

CANTERAS DE SANTANDER, S.A.

HERRERA/CANDESA

LA GUALTA

SAN ANTONIO

CANTERAS DEL ARENAL, S.L.

CARRIO

CANTERAS EL POZO, S.L.

EL POZO 24

CANTERAS FERNANDEZ PASCUAL, S.L.

LA CAROLINA

CANTERAS FERROLANAS, S.A.

PICO D'OURO Nº 6.646.1

CANTERAS LA ATALAYA, S.L.

ATALAYA

CANTERAS LA BELONGA, S.A.

CIERRO PERLÍN

CANTERAS LA PONDEROSA, S.A.

LA PONDEROSA ALCOVER REG.5480

VICTORIA-PUIGMARI REG.10090

CANTERAS LACILLA, S.L.

LACILLA

CANTERAS ORGALEYO-BRAÑES, S.L.

INDUSTRIA EXTRACTIVA BRAÑES

INDUSTRIA EXTRACTIVA ORGALEYO

CANTERAS SÍMO, S.A.

CANTERA SÍMO II Nº 982

CANTERAS Y ÁRIDOS LLAURI, S.L.

GIRTAL Nº 1.124

LERON Nº 1.109

MOLINER Nº 929

CANTERAS Y HORMIGONES QUINTANA S.A.

EL VIVERO

CATALANA D'EXPLOTACIONS I MANTENIMENTS, S.L.U.UNIDAD DE EXPLOTACIÓN UDE-RA-
2842/PLANTA TRATAMIENTO PARADETES FCA-
833**CEMENTOS PORTLAND VALDERRIVAS, S.A.**

OLÉRDOLA

VALLCARCA Nº 3.889

CEMENTOS SECIL, S.L.U.

BERDUCIDO

CEMEX ESPAÑA OPERACIONES, S.L.U.

BLANCANIEVES
 CALMO
 CAMBRILLOS
 CANTERA LLIMPET
 GALATXO
 LA SENYORETA
 LES CUBETAS
 LOLITA
 LOS CALDERONES
 LOS RAYADOS
 MONTEBOSCH
 SOTO PAJARES
 VALDECUBILLOS
 VALDILECHA

COMERCIAL LAZARO, S.A.

PASTERASA - CANTERA LAZARO

COMPAÑÍA ADMINISTRADORA DE RECURSOS Y OBLIGACIONES, S.L.

FONTCALENT
 PEÑARROYA Nº 1.105

COMPAÑÍA GENERAL DE CANTERAS, S.A.

ARCOS
 LA UTRERA
 TARALPE

CONSTRUCCIONES MOYUA, S.L.

BULANDEGI

CONSTRUCCIONES PONCIANO NIETO, S.L.

PEDROSO

CORPORACIÓN F. TURIA, S.A.

MANGAY Nº 1.160

CUARCITAS DEL MEDITERRÁNEO, S.A.

LA PONDEROSA-II Nº 191

CUARZOS INDUSTRIALES, S.A.U.

MINA ESMERALDA/PLANTA DE BENEFICIO DE
 TORDOIA
 SONIA/CONCHITINA

DIABASAS DE EXTREMADURA S.L.U.

CANTERA CAÑAVERAL

DIONISIO RUIZ, S.L.

LA PLANA
 PEDROLA
 VIÑA REAL

EIFFAGE INFRAESTRUCTURAS, S.A.U.

ADZAILA-PEGO
 ALGUEÑA
 AMPLIACIÓN CANTERA VELEZ Nº 241
 BELLAVISTA-GERENA
 CERRO DEL BUITRE
 GRAVERA DEL JARAMA
 LA ATALAYA
 LA CABRERA
 LA PAVA-ALMANSA
 LA RETURA-BUÑOL
 LES LLOMES-BÉTERA
 LOS POCICOS
 LOS TRES SANTOS I-ABANILLA
 MONTE DE LAS CABEZUELAS
 MONTE ORUSCO
 PIEDRA IMÁN
 REAL DE GANDIA II
 SÍERRA NEGRA-ASPE
 TARIQUEJO-CARTAYA

EMIPESA, S.A.

EL POYO DEL CID
 SAN BLAS
 VENTORRILLO III

EXCAVACIONES GRASA, S.L.

GRASA Nº 3.023

EXPLOTACIÓN DE CANTERAS ALAVESAS, S.A.

AZKORRIGANA

EXPLOTACIÓN DE CANTERAS DEL NOROESTE, S.A.

ARCOS Nº 63
 ESTEFANIA Nº 317/A MOCHA

EXPLOTACIÓN DE ROCAS INDUSTRIALES Y MINERALES, S.A.

EL CASTILLO
 FRADES
 LADRA
 SALAMANCA

EXPLOTACIONES DE ÁRIDOS CALIZOS, S.A.

LÓPEZ FONT

EXTRACCIONES Y RESTAURACIONES CASINOS, S.L.

EL SALT Nº 1.241

FCC CONSTRUCCIÓN, S.A.

EL PILAR

FELIX SANTIAGO MELIAN, S.L.

CORRALETE-DRAGUILLO

FERNANDO LOPEZ MUNILLA, S.L.U.

EL RIVERO

FORBISA

FUENTE DE LA VIRGEN

FRANCISCO GÓMEZ Y CÍA, S.L.

ARRIBELTZ Nº 6.948,1/MELIDE

ESPIÑAREDO Nº 168

SAN RAFAEL Nº 2.946/TOURO

GENERAL DE HORMIGONES, S.A.

VILAR Nº 3.127

GLS CONSORCIO DEL HORMIGÓN, S.L.U.

AMPLIACIÓN CANTERA SANT TOMÁS Nº 5.265

GRAMABLACK, S.L.

CIM Nº 17

GRANITOS Y ÁRIDOS DE ATIOS, S.L.

VILAFRIA Nº 15

GRAVAS Y DERIVADOS, S.A.

LA PEDRIZA

GRAVERAS CASTELLANA, S.L.

EL SISCAR

GRAVERAS DEL RIO MAGRO, S.L.

GRAVERAS DEL MAGRO 3110

GRAVES I EXCAVACIONS CASTELLOT, S.A.

AMPLIACIÓ PLA CAN MAGRE

BONELLS

EL MAS

LA LLADERNOSA

LA ROQUETA

ROCA DELS PLANS

SOLER DEL JAUMÀS

GRIJERA LA REBOLLADA, S.L.

LA REBOLLADA

GUEROLA ÁRIDOS Y HORMIGONES, S.L.

EL CANTALAR Nº 797

EL PORTIXOL Nº 1075

HANSON HISPANIA, S.A.U.

ANDAROLETA

ÁRIDOS SANZ-LA CISTÉRNIGA

NUMANCIA

HERMANOS COTO, S.L.

REGUEREDO Y DON MARCOS

HERMANOS PARROT, S.A.

SES PLANES

HERMANOS PORRES, S.A.

CALLEJONES/EL CERRON

HORMICONSA

ALOU 1.325

HORMIGONES ARGÁ, S.A.

ATALAYA-2

HORMIGONES AZAGRA, S.A.

LA PLANA

HORMIGONES BERIÁIN, S.A.

BUÑUEL

SASO PEDRIZ II

HORMIGONES BIESCAS, S.L.

AYERBE

HORMIGONES DEL SELLA, S.L.

UMEDINAS

HORMIGONES EBRO, S.A.

LA BARRANCA

LA PEÑA

HORMIGONES EN MASA DE VALTIERRA S.A.

LA SARDA

HORMIGONES GRAÑEN

CASCAJAL

PLANTA DE ANGÜÉS

HORMIGONES LODOSA, S.A.

MONTE ALTO

HORMIGONES LOGROÑO, S.A.

LAS ZORRERAS

HORMIGONES PREMEZCLADOS ALAVA, S.A.

MENDIGUERRA/PUENTE DE LABASTIDA

HORMIGONES RIOJA, S.A.

VILLALOBAR

HORMIGONES Y ÁRIDOS DEL PIRINEO ARAGONÉS, S.A.

HORMYAPA

HORMIGONES Y ÁRIDOS LA BARCA, S.A.

LANTAÑÓN Nº 3.113

HORMIGONES Y EXCAVACIONES GERARDO DE LA CALLE, S.L.U.

VENTOSILLA III/SAN JUAN I/VILLALBA 2019

HORMIGONES Y MINAS, S.A.

JUARISTI

NAVARRA PEQUEÑA

HORMIRAPIT, S.A.

LORETO

HORMISORIA, S.L.

EL TOMILLAR

SANTA ANA

INGENIERÍA TÉCNICA DEL HORMIGÓN, S.L.

CANTERA EL SALOBRAL

J. RIERA, S.A.

PEDRERA ELS CASALS

PEDRERA IVONNE

JOSÉ ISIDRO TORRES, S.L.

EL PINAR

JOSÉ MANUEL PIÑEIRO LÓPEZ, S.L.

SAN PABLO Nº 49

JULIO ANGULO, S.L.

IGATE II/PLANTA DE BENEFICIO

URUÑUELA

KM 5 INTERNATIONAL, S.L.U.

EL ROCÀ

LAFARGEHOLCIM ESPAÑA, S.A.U.

LAS CUEVAS

LISTA GRANIT, S.A.U.

MONTE DA COSTA Nº 8

LOPESAN ASFALTOS Y CONSTRUCCIONES, S.A.

PIEDRA GRANDE

LORENZO ANDRÉS VALLÉS, S.L.

LAS GARGANTAS Nº 2.745

MASSACHS OBRES I PAISATGE, S.L.U.

RA 411 MAS PATXOT

MATERIALES Y HORMIGONES, S.L.

MARESA

PRERESA MORATA

MAXOBETTON, S.A.

MORROFRANCISCO

SERRABAL

RINCÓN DE CAYA

PREBETONG LUGO, S.A.

AMPLIACIÓN A BERTITA Nº 301

PREFABRICATS DE LA SELVA, S.A.

FARNES

PROBISA VÍAS Y OBRAS, S.L.U.

EL MANZANITO

PRODUCTOS DOLOMITICOS DE MÁLAGA, S.A.

EL PUNTAL Nº 6.250

PROMOTORA MEDITERRÀNEA-2, S.A.

GARRAF. CANTERA LA FALCONERA

LA SEU-MONTÍFERRER

SANT VICENÇ DELS HORTS

PROYECTOS ZENALE, S.L.

LAMAS DE RAPADOIRO

REASA RECUPERACIONES Y ARIDOS, S.L.

PEÑAS ARRIBA - PEÑAS ABAJO

RIBALTA I FILLS, S.A.

PLANTA ÀRIDS OLIANA

RICARDO CHANZÁ E HIJOS, S.L.

CHANZÁ

CHANZÁ E HIJOS

ROCAS, ARCILLAS Y MINERALES, S.A.

SERRABAL

ROMÀ INFRASTRUCTURES I SERVEIS, S.A.U.

PLANTA DE ALGUAIRE
PLANTA DE LES OLUGES

SANTIAGO CARMONA, S.A.

DEHESÍLLA DEL LEÓN
RIBERA
VÉRTICE

SEFEL, S.A.

PLANTA ÁRIDOS NATURALES RIPOLLET

SÍBELCO MINERALES CERÁMICOS, S.A.

PUERTO DE CASTELLÓN
SAN RAMÓN

SÍBELCO MINERALES, S.L.

BELLVEI
ISABELITA / SAN JOSÉ LAMINORIA.
ESTHER FRACCIÓN 1ª NULES
UTIEL
VILGA/PANTANO DEL EBRO

SÍLICES DE FUENTES, S.L.

CANDAMIL/XERMADE

SODIRA IBERIA, S.L.U.

CANTERA CAL TITA 1.610 / CERVELLÓ
EL CARTERO
EL PUENTE
ISABEL Nº 6.299/MONDA
LA OFRA Nº 588
LAS CHIMENEAS Nº 12.899/LA SOLANA
ROMÁN
TERESA

SON BUGADELLAS, S.A.

CANTERA SON BUGADELLAS

SORIGUÉ, S.A.

LA PLANA DEL CORB

SORRES I GRAVES CARDONA, S.L.

PLANTA DE ÁRIDOS CLARIANA DE CARDENER

SUMINISTROS DE ARCILLA, S.A.

SÍLVIA/CAN MAS

TAMUZ, S.A.

EL CASTELL

TENARIDOS, S.L.

ARCHIPENQUE

TRANSPORTES DE AGLOMERADOS Y MATERIALES, S.A.U.

EL PAYÓN
IV AMPLIACIÓN A VALDOCARROS

TRATAMIENTO DE MINERALES DEL SUR, S.L.

SANTA ANA

TRITURADOS COTES, S.L.

EL MONTOT Nº 3.113

TRITURADOS EL CANO, S.L.

EL CANO Nº 1.099

TRITURADOS Y HORMIGONES VIDAL, S.L.

PLANTA DE TRATAMIENTO ÁRIDOS ELS IBARSOS

UNCONA, S.A.

UNCONA

UXOMAQ, S.L.

LA GÜEÑA

VALERO Y ALARCON, S.L.

CLUB CAMPO DE TIRO Nº 606
EL ZORZO Nº 654
LA ESPERANZA Nº 553
LA MINA Nº 300
LAS POCICAS Nº 721
LISBONA BERBEL Nº 39.912

VIALEX CONSTRUCTORA ARAGONESA, S.A.

ZUERA

ZELETA, S.L.

DUQUESA Y URKULU
LEKOITZ
SASIOLA

ÁRIDOS LAS DOS VILLAS, S.L.

MINA CRISTAL

ÁRIDOS Y HORMIGONES SAN MATEO, S.L.

PLANTA TRATAMIENTO SAN MATEU

ÁRIDOS Y HORMIGONES DEL DEVA, S.L.

LAS COLMENAS I Y II
TRASCASTILLO I Y II

AGUSTÍ Y MASOLIVER, S.A. (AMSA)

AMPLIACIÓN CAN RIERA

ARENAS DEL VALLE, S.L.

ALTOS DE CAUDETE

EL RUBIO

ARENES I GRAVES CASTELLÓT, S.A.

ARENES I GRAVES CASTELLÓT

ÁRIDOS DE VILLACASTÍN, S.A.

HOYA DE LOS TORILES

ÁRIDOS SEVILLA NEVADO, S.L.U.

LA PEDREGOSA

ARIDOS Y HORMIGONES DE LOSA, S.L.U.

CARLOS

ARIDOS Y HORMIGONES DEL DEVA, S.L. (DEVASA)

LAS BRAÑAS

ÁRIDOS Y HORMIGONES VALLES, S.L.TRATAMIENTO DE ÁRIDOS Y FABRICACIÓN DE
HORMIGON Y MORTERO AMASADO**ARIDS GUIXERAS, S.L.**

SERRA BOU

ARIDS I GRAVES VILANNA, S.L.

ARIDS I GRAVES VILANNA

ARIDS I SERVEIS GRAVERA CAN ALOU, S.L.

CAN CENTES

ÀRIDS MANLLEU, S.A.

EL GARRIGAR

EL TORRENT

PLANTA DE TRATAMIENTO CREU MOLA

ÀRIDS RIBAS, S.L.

ÀRIDS RIBAS

ARITEC ALMONACID, S.L.

CANTERA MARINA

ARITEC BARAJAS, S.L.

WHISKY

BLANCS MINERALS PERE VIDAL, S.A.

BLANCS MINERALS PERE VIDAL

CALERA DE ALZO, S.L.

CALERA DE ALZO

CANTERA DE VILLALAÍN, S.A.

CANTERA DE VILLALAÍN

CANTERA LA CURVA, S. L.

CANTERA LA CURVA Nº 3187-001

CANTERA ROCA, S.L.

CORRAL DEL CARRO

CANTERAS DE ROCAS ORNAMENTALES, S.L.U.

ÁRIDOS C.R.O.

CANTERAS Y HORMIGONES SANTANDER, S.L.

ARCE-PIÉLAGOS

CARANCEJA

LAS CALDAS

LERMA

LLANES

CATALANA D'ÀRIDS I FORMIGONS

PARTIDA LES MASIES

CEMENTOS TUDELA VEGUÍN, S.A.

FÁBRICA DE NARÓN

FÁBRICA DE TUDELA

CEMEX ESPAÑA OPERACIONES, S.L.U.

CAN NEGRET

CAN XUMEU

CANTERA DE GADOR

GRAVERA DEL BUEN CONSEJO

VENTOLANO

CENTRO DE MAQUINARIA TOMÀS, S.A.

ARITOSA

CONSTRUCCIONES Y EXPLANACIONES GRAS, S.A.

ELGA-JUDIT

CYCASA CANTERAS Y CONSTRUCCIONES, S.A.

SANTANA Nº 45

DOLOMITAS DEL NORTE, S.A.

C.E. 16175-00 Mº DEL PILAR QUINTA EN BUERAS

GERMANS CAÑET XIRGU, S.L.

XIRGU RA566

GRAVES I EXCAVACIONS CASTELLÓT, S.A.

PLANTA BONELLS (FCA 603)

PLANTA LLADERNOSA (FCA 648)

HIJOS DE LEON AMANTEGUI, S.A.

MARKOMIN GOIKOA

HORGESOL

PLANTA DE HORGESOL

HORMICASA CANTERAS, S.L.

LOAR

HORMIGONES ARIDOS Y EXCAVACIONES, S.A.

EL MOLINO

PALANCAR

VALDECARNECERO

HORMIGONES DELFIN, S.A.

SOTO MAÑERU

HORMIGONES LA PAZ, S.L.

EXPLOTACIONES MINERAS JILOCA

MURCIÉLAGO

HORMIRAPIT, S.A.

LORETO

INVESTIGACIÓN I DESARROLLO DE MORTEROS, S.L.

CANTERA PONTILS

JMD ÁRIDOS Y HORMIGONES, S.L.

LA BATLLÒRIA

KOBEKA HARROBIAK, S.L.

KANPANZAR

KOBATE

LA PALOMA SEGOVIANA, S.A.

LOS TOMILLARES

LOGISTICA, ARIDOS Y PREMEZCLADOS

SAN BARTOLOMÉ

OBRAS HERGON, S.A.U.

PLANTA CORCOS

PLANTA HERRERA

PAPSA INFRAESTRUTURAS

CANTERA LA PALLARUELA

PAVITEK 2010, S.L.

MALVERDE

SORRES I GRAVES EGARA

SORRANOVA

TÈCNIQUES I CONTRACTES, S.L.

PLA DE FARES "AMPLIACIÓ" (RA 5424)

VOLTES, S.L.U.

PARATGE LES CANALS

PARATGE PLA DE VENSILLÓ

PARATGE PLA DE VIOLES

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Index

1. General information	3
2. The Product	5
3. Information about LCA	7
4. System limitations, scenarios and additional technical information	9
5. LCA and ICV Environmental Parameter Declarations	10
6. Additional environmental information	13
7. References	23

AENOR



Una declaración ambiental verificada

GlobalEPD