

BIMclay

OBJECTIVES AND RESULTS





SHORT DESCRIPTION OF TASKS AND EXPECTED RESULTS

- O1.** ESTABLISHMENT OF COMMON LEARNING OUTCOMES ON CLAY PLACING METHODS, LIFE CYCLE ANALYSIS (LCA) AND RELATIVE REGULATIONS.

- O2.** BIMclay MULTIMEDIA MATERIALS. NEW INTERACTIVE BIM-LEARNING METHODS.

- O3.** ONLINE RESOURCE CENTRE.

SPANISH REGULATION REGARDING CLAY PLACING

METHODS

O1. ESTABLISHMENT OF COMMON LEARNING OUTCOMES ON CLAY PLACING METHODS, LIFE CYCLE ANALYSIS (LCA) AND RELATIVE REGULATIONS.

O1/A1. Comparative study on the normative for placing the clay products.



O1/A2. Methods and procedures used for placing clay products.

O1/A3. Comparative study on Life Cycle Analysis (LCA) of clay products in the participant countries.

O1/A4. Report on the results of workshop in (Coimbra, Portugal).

O1/A5. Clay Placing Course Curriculum based on ecological challenges and BIM technologies.

www.bimclay.eu/reports

	
REAL DECRETO 314/2006, de 17 de marzo, por el que se aprueba el Código Técnico de la Edificación.	ROYAL DECREE 314/2006, of March 17, which approves the Technical Building Code
UNE-EN 15037-3:2010+A1:2011. Productos prefabricados de hormigón. Sistemas de forjado de vigueta y bovedilla. Parte 3: Bovedillas de arcilla cocida.	UNE-EN 15037-3:2010+A1:2011. Precast concrete products - Beam-and-block floor systems - Part 3: Clay blocks
UNE 67041:1988. Tableros cerámicos de arcilla cocida para cubiertas. Designación y especificaciones.	UNE 67041:1988. Ceramic slabs of burned clay for covering. Designation and technical characteristics.
UNE-EN 1304:2014. Tejas y piezas auxiliares de arcilla cocida. Definiciones y especificaciones de producto.	UNE-EN 1304:2014. Clay roofing tiles and fittings - Product definitions and specifications.
UNE-EN 771-1:2011+A1:2016. Especificaciones de piezas para fábrica de albañilería. Parte 1: Piezas de arcilla cocida.	UNE-EN 771-1:2011+A1:2016. Specification for masonry units - Part 1: Clay masonry units.
UNE-EN 845-1:2014. Especificación de componentes auxiliares para fábricas de albañilería. Parte 1: Llaves, amarres, estribos y ménsulas.	UNE-EN 845-1:2014. Specification for ancillary components for masonry - Part 1: Wall ties, tension straps, hangers and brackets
UNE-EN 1344:2015. Adoquines de arcilla cocida. Especificaciones y métodos de ensayo.	UNE-EN 1344:2015. Clay pavers - Requirements and test methods.
UNE-EN 14411:2013. Baldosas cerámicas. Definiciones, clasificación, características, evaluación de la conformidad y marcado.	UNE-EN 14411:2013. Ceramic tiles - Definitions, classification, characteristics, evaluation of conformity and marking.
UNE-EN 14411:2016. Baldosas cerámicas. Definiciones, clasificación, características, evaluación y verificación de la constancia de las prestaciones, y marcado.	UNE-EN 14411:2016. Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking.

O2. BIMclay MULTIMEDIA MATERIALS. NEW INTERACTIVE BIM-LEARNING METHODS



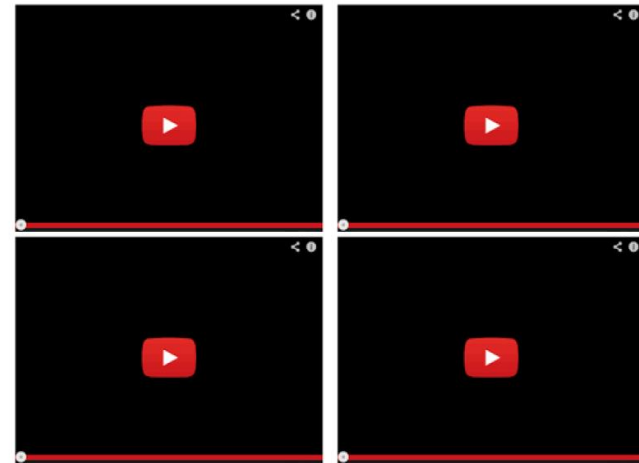
Graphic multimedia material on how to place the most common
clay products in an ecological way.

O2/A1. IT production of BIMclay
Multimedia Cards.

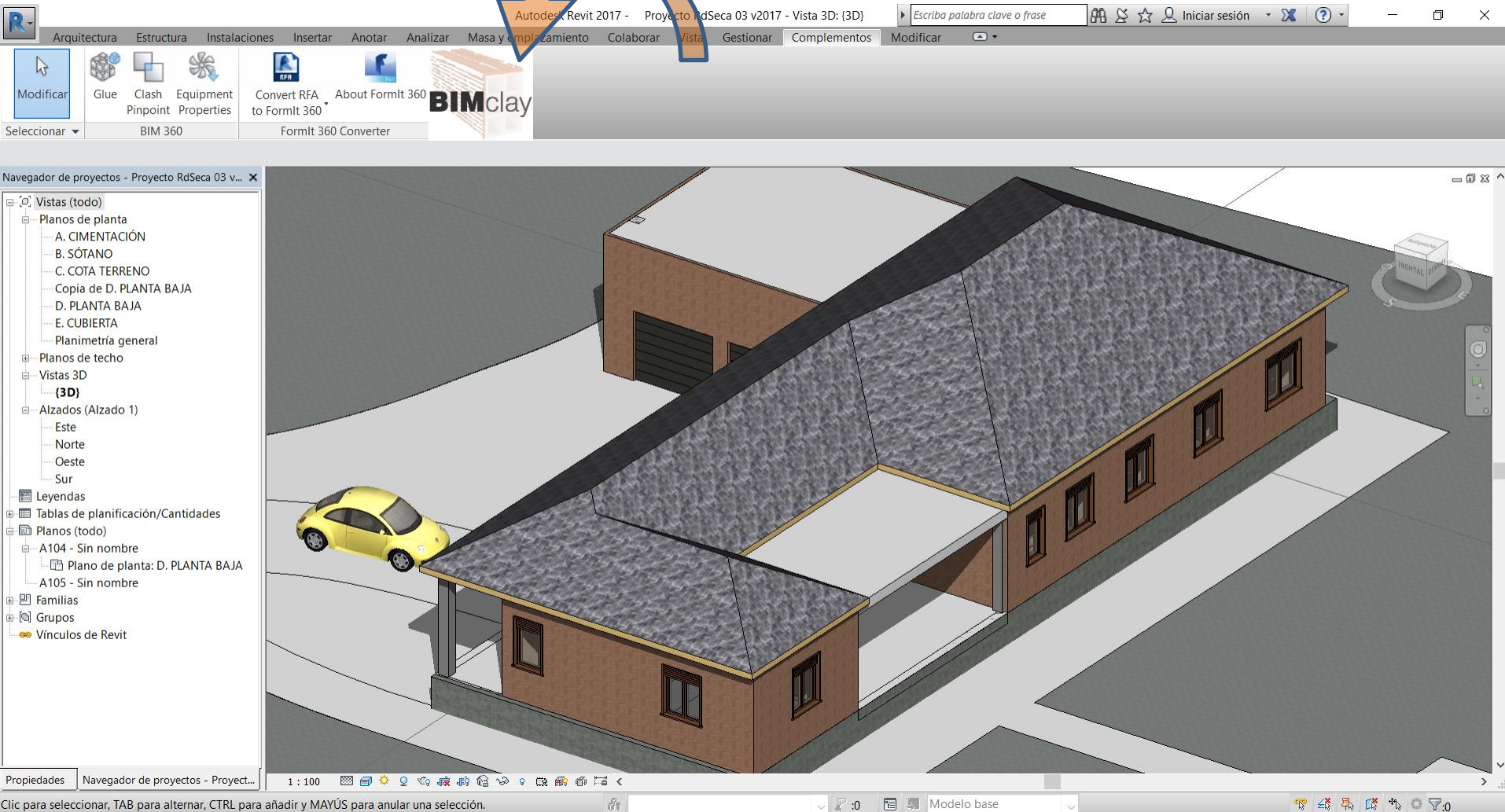
O2/A2. Pedagogical and implementation
of IT improvements of BIMclay
Multimedia Cards.

O2/A3. Technical test and implementation
of IT improvements of BIMclay
Multimedia Cards.

O2/A4. Report on the results
International Seminar in Madrid (Spain)
on new interactive methods BIM-learning
applied to sector of clay products.

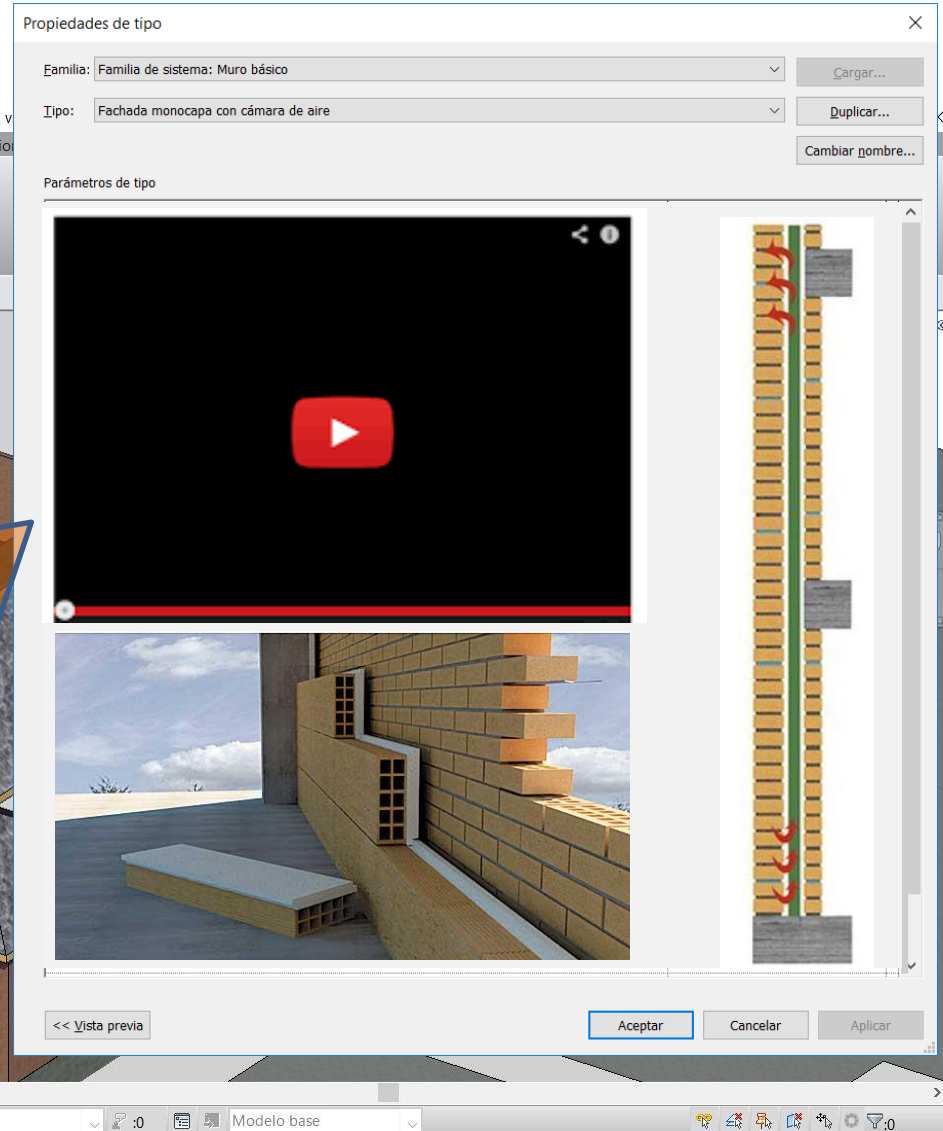
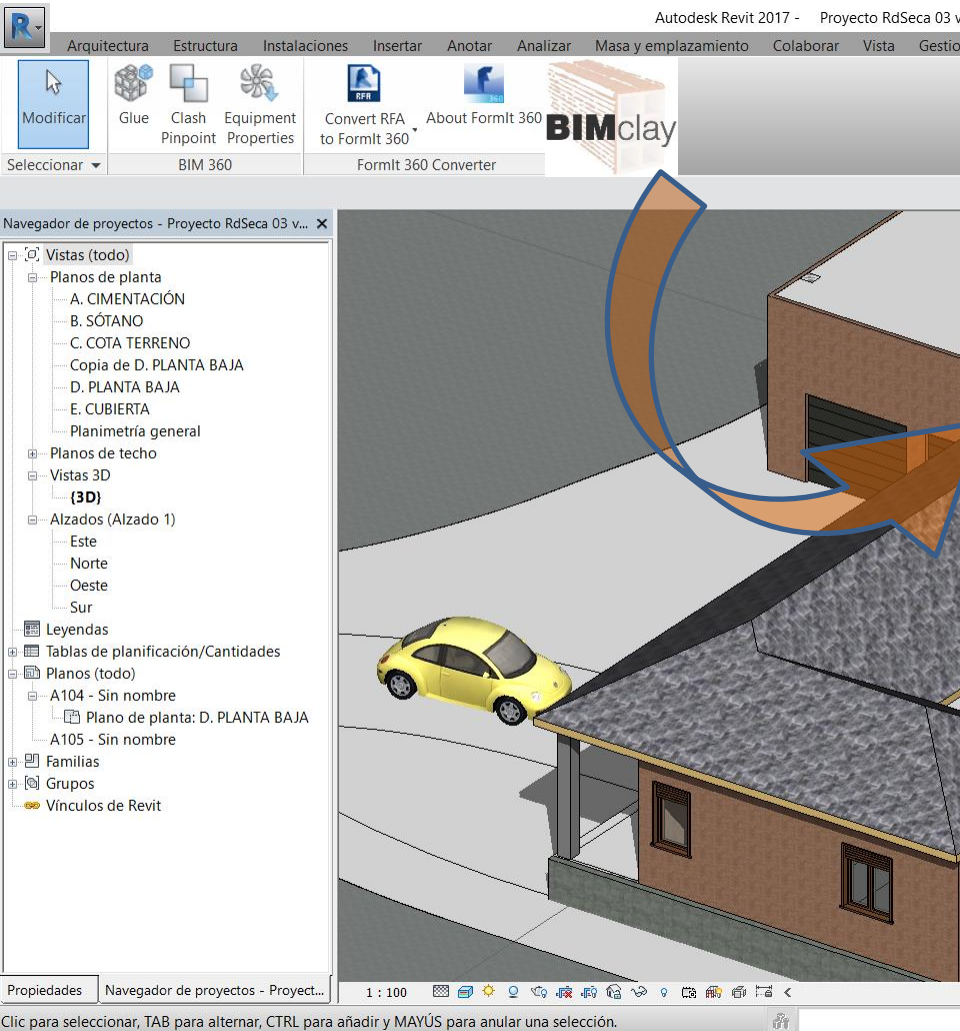


O2. BIMclay MULTIMEDIA MATERIALS. NEW INTERACTIVE BIM-LEARNING METHODS



The screenshot displays the Autodesk Revit 2017 software interface. The title bar shows the project name "Proyecto RdSeca 03 v2017 - Vista 3D: (3D)". The ribbon includes tabs for "Arquitectura", "Estructura", "Instalaciones", "Insertar", "Anotar", "Analizar", "Masa y emplazamiento", "Colaborar", "Vista", "Gestionar", "Complementos", and "Modificar". The BIMclay logo is prominently displayed in the ribbon area. The project browser on the left lists various views, including "Planos de planta", "Planos de techo", "Vistas 3D", and "Alzados". The main view shows a 3D model of a building with a textured roof and a yellow car parked nearby. The status bar at the bottom indicates the current view is "Modelo base" and provides navigation instructions: "Clic para seleccionar, TAB para alternar, CTRL para añadir y MAYÚS para anular una selección."

O2. BIMclay MULTIMEDIA MATERIALS. NEW INTERACTIVE BIM-LEARNING METHODS



O2. BIMclay MULTIMEDIA MATERIALS. NEW INTERACTIVE

Propiedades de tipo

Familia: Familia de sistema: Muro básico Cargar...

Tipo: Fachada monocapa con cámara de aire Duplicar...

Cambiar nombre...

Parámetros de tipo

Parámetro	Valor
Construcción	
Estructura	Editar...
Envolvente en inserciones	Sin envolvente
Envolvente en extremos	Ninguno
Anchura	0.2850
Función	Exterior
Gráficos	
Patrón de relleno de detalle bajo	
Color de relleno de detalle bajo	■ Negro
Materiales y acabados	
Material estructural	Ladrillo cerámico perforado
Propiedades analíticas	
Coefficiente de transferencia de calor (U)	0.8333 W/(m ² ·K)
Resistencia térmica (R)	1.2000 (m ² ·K)/W
Masa térmica	0.00 kJ/K
Absortancia	0.700000
Aspereza	3
Emisiones de CO ₂ eq (Fases A1-A5)	
Emisiones de CO ₂ eq (Fases B1-B5)	
Emisiones de CO ₂ eq (Fases C1-C4)	
Reciclabilidad	
Reusabilidad	
Datos de identidad	
Imagen de tipo	
Nota clave	
Modelo	
Fabricante	
Comentarios de tipo	
URL	

<< Vista previa Aceptar Cancelar Aplicar

- Vista 3D: (3D) Complementos Modificar Iniciar sesión

03. ONLINE RESOURCE CENTRE

03/A1. IT production of Online Resource Centre.

03/A2. Pilot BIMclay course implementation: environment test and technical improvements.

03/A3. Report on the results International Seminar BIMclay (Coimbra, Portugal).





BIMclay. IMPROVE TECHNIFICATION AND LCA
QUALIFICATION OF WORKERS IN CERAMIC SECTOR
WITH THE SUPPORT OF BIM APPLICATIONS
2017-1-PT01-KA202-035955

Co-funded by the
Erasmus+ Programme
of the European Union



Thank you for your attention!

**See you soon in
www.bimclay.eu !!!**