

# BLISTERING

## Muestra

Wall built in carbonated sandstone next to the path around the exterior of the apse. Santa Maria la Mayor church. Alcañiz. Teruel. Spain.

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## Causas de la patología

Soluble salts from the ground and the repair mortars, and repeated drying-moisturising cycles.

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## Imagen de visu



**Autor:** Manuel Iglesias

**Descripción:** Hemispherical elevations and some detachments on the surface of the stone (areas with greater alteration in inset). The alteration structure and the stone texture favours the moisture retention.

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## Imagen detalle / macro



**Autor:** Manuel Iglesias

**Aumentos:** scale

**Descripción:** Detachment of one of the blisters (in section).

Figure 1. Granular disintegration and sanding deposits in the internal structure of the stone.

Figure 2. Detachment of one of the blisters (section): flaking in the internal structure of the stone.

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## Patologías Asociadas

Contour scaling.

Flaking.

Sanding.

Spalling.

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## Bibliografía

ICOMOS-ICS (2008). Illustrated glossary on stone deterioration pattern.

[http://international.icomos.org/publications/monuments\\_and\\_sites/15/pdf/Monuments\\_and\\_Sites\\_15\\_ISCS\\_Glossary\\_Stone.pdf](http://international.icomos.org/publications/monuments_and_sites/15/pdf/Monuments_and_Sites_15_ISCS_Glossary_Stone.pdf)

ORDAZ, J., & ESBERT, R. (1988). Glosario de términos relacionados con el deterioro de las piedras de construcción. *Materiales de Construcción*, 38 (209): 39-45. doi: 10.3989/mc.1988.v38.i209.847

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Restorer

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