

Developing methods of teaching
tadelakt and natural building
and creating wider opportunities
for adults to learn it



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Partnerid ja projekt

- Säätvad Ehituslahendused
- Alen y Calche
- Associação Compalha
- Erasmus+ koostööprojekt
- 1. sept 2014 – 31. aug 2016

Säätvad Ehituslahendused



alen y calche s.l

arquitectura y materiales para
bioconstrucción



**com
palha**

Associação para a bioconstrução com
materiais naturais em Portugal



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Projekti tegevused

- 4 kohtumist
- Intellektuaalne väljund – tadelakti juhend
- Levitusüritus – tadelakti õppepäev



TADELAKT

STEP-BY-STEP GUIDE

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9. APPLYING TADELAKT IN TWO COATS

Tadelakt plaster is applied on the prepared surface as two thin coats with a plastic or steel trowel or with a filling knife (choose the tool according to your preferences). We do not recommend plastering in one thick coat, therefore we do not describe it here. Optimal coat thickness is 2-3 mm, so when plastering in two coats they should be altogether 4-5 mm (depending on the plastering mixture the thickness of the coats can be bigger, follow the product instructions). Before you start applying tadelakt, the mixture must be stirred thoroughly.

9.1. First coat

The first coat is about 2-3 mm thick and is applied to the surface with a plastic or steel trowel or with a filling knife (photo 34). The applied plaster must be floated immediately with a wooden or polyurethane float, so that the plaster enters the pores of the surface and enables a strong connection (photo 35). Floating makes the plaster more even and makes its surface rough and porous which is a perfect base for applying the second coat (photo 36).

If you smoothen the first coat only with a trowel, it would remain too smooth and dense. It might reduce the connection between the two coats and the plaster might come off later when polishing, therefore floating is important. After floating the first coat it must harden for a while (usually about 5 to 30 minutes, it depends how fast the plaster dries – the plaster will become solid and matt, the watery shine on the plaster (photo 37) will disappear (photo 38)). Do not leave your work site while tadelakt is hardening! Tadelakt might dry very quickly and if you miss the right time it is hard or even impossible to continue working with it. When touching the plaster with your hand it must not stick nor make it wet. If the first coat has hardened for too long and has become too dry, the solution is moistening. Use clean water. You get a more even result when using a spray bottle. Watch the [video about first coat](#).

9.2. Second coat

When the first coat has hardened enough, then the second coat is applied with a plastic or steel trowel or with a filling knife (photo 39). The second coat must be as thin and even as possible (about 2 mm; photo 40). If you use a rough tadelakt mixture (e.g. Moroccan tadelakt), first float and smoothen the second coat immediately with a wooden or polyurethane float for making the surface more even and to get the smaller particles of the plaster to the surface (if necessary, you can spray water on the surface to make floating easier). Then smoothen the surface immediately with trowel or filling knife to close the bigger pores and to make the plaster surface dense and smooth. If you are able to apply the second coat very evenly and smoothly or if the tadelakt is drying very fast, you can skip floating

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Projekti kuluread

- Projekti juhtimine ja elluviimine
- Rahvusvahelised projektikohtumised
- Intellektuaalne väljund – tunnitabelid
- Levitusüritus – registreerimislehed

Projektikohtumised	Planeeritud	Tegelik
5 lähetust Portugali	3800	3945,3
7 lähetust Hispaaniasse	5320	4392,07
Kokku	9120	8337,37

Eelarve toimimine

- Igale partnerile tema summa (koostööleping)
- Kokkuvõtted partneritelt pärast kohtumisi
- Eelarvemuudatused
- Eelarve tabel endale

Juhtimiskulud	Planeeritud	Tegelik (31. mai 2015)
Valencia kohtumine		1462
Üldised kulud		600
Välisekspert		1644
Kokku	2250	3706

Täna tähelepanu eest!