

# StarSilent Smooth Plaster Application Guide



**Prepare StarSilent Top Basic** in accordance with the Technical Data Sheet to achieve proper application consistency. Accurately measure the amount of water to be added to the first container to ensure that all other containers can be prepared quickly and easily and to provide for uniform consistency.





Check the **application** consistency.



Read off the **amount of water added.**



If possible, add the required **amount of water** to all containers to avoid waiting times.





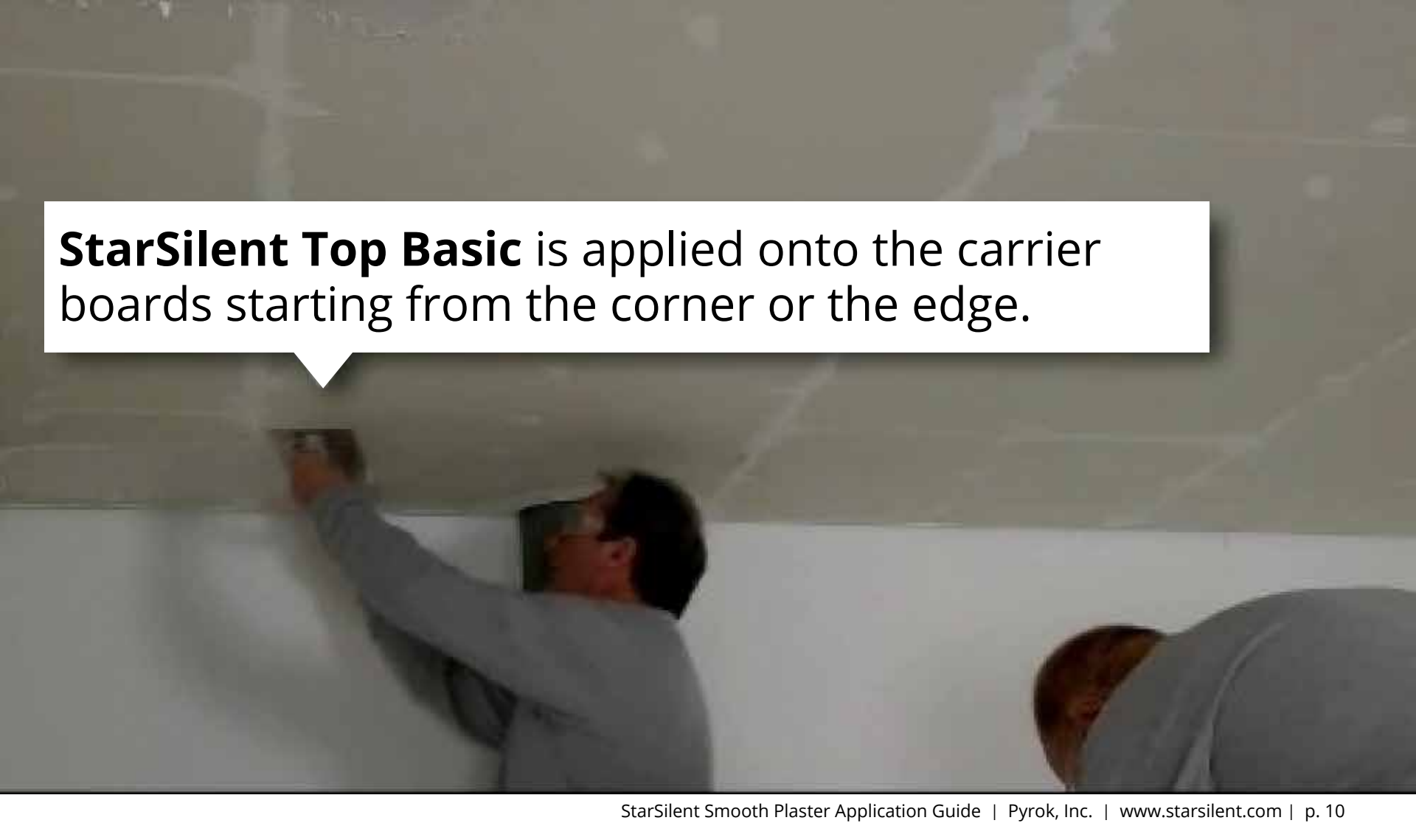


Then **stir** the material.





Check all containers for their **consistency**.

A construction worker in a grey long-sleeved shirt is applying plaster to a wall. The wall is covered in a light-colored, textured material. The worker is using a tool to smooth the plaster. A white speech bubble with black text is overlaid on the image. Another worker is visible in the background, also working on the wall.

**StarSilent Top Basic** is applied onto the carrier boards starting from the corner or the edge.

It is important to apply a sufficient amount of **material** for subsequent **tooth**ing.




The **toothed trowel** is pressed on strongly and uniformly at an angle of approx. 30°.



A person is shown from the back, wearing a light blue shirt, applying plaster to a wall. The wall is light-colored and has a dark vertical strip of material in the center. A white text box is overlaid on the right side of the image.

The **second tothing** has to be carried out in parallel with the **main source of light**.



A construction worker in a grey long-sleeved shirt and white pants is applying plaster to a wall using a long-handled tool. In the foreground, there are three yellow buckets, one of which has the 'sto' logo. The background shows a plain wall and ceiling.

In order to achieve a **layer thickness that is as uniform as possible**, each **toothing** should be done in one direction and always by the **same person**.



Smoothen the material  
using a **wide trowel**.



A construction worker wearing safety glasses and a grey long-sleeved shirt is shown from the side, reaching up to smooth a textured grey plaster on a ceiling. He is using a long-handled trowel. The ceiling has a fine, woven texture. A white speech bubble with a black border points to the area being smoothed. Below the worker, a dark vertical pipe or duct is visible against the wall.

First, smooth the areas along the **edge**.

The **wide trowel** is evenly pressed against the surface at an angle of approx. 10°.



The **wide trowel** is evenly pressed against the surface at an angle of approx.  $10^{\circ}$ .



During this application cycle, only a minimum amount of material should be trowelled off.

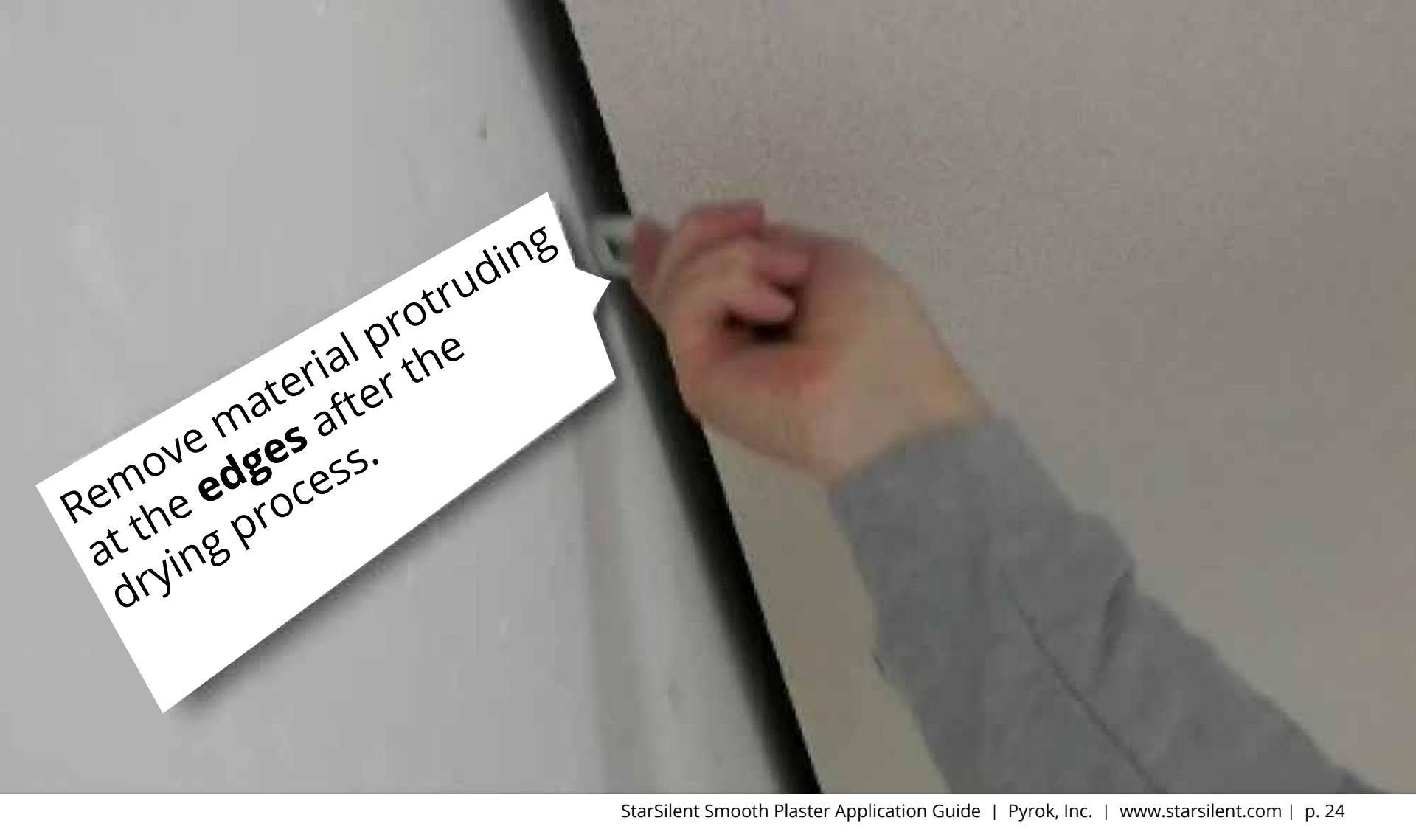
A photograph showing two construction workers in a room with white walls and a ceiling. They are both wearing grey long-sleeved shirts and white pants. The worker on the left is wearing a red hard hat and is using a large trowel to smooth the plaster on the ceiling. The worker on the right is also using a trowel. In the foreground, there are three large yellow buckets with the 'sto' logo in black. A white text box is overlaid on the bottom half of the image.

During this application cycle, only a minimum amount of material should be trowelled off.



Finally, **deburr** the entire surface.



A close-up photograph showing a person's hand in a grey long-sleeved shirt using a small, light-colored tool to remove material from a joint between two white plastered surfaces. A white callout box with black text is overlaid on the left side of the image.

Remove material protruding  
at the **edges** after the  
drying process.



Prepare **StarSilent Top Finish**  
in accordance with the Technical  
Data Sheet to achieve proper  
application consistency.



Accurately measure the amount of **water to be added** to the first container to ensure that all other containers can be prepared quickly and easily to provide for uniform consistency.



The image shows three yellow plastic buckets arranged in a row on a concrete floor. Each bucket has the word 'sto' printed in large, bold, black letters. A person wearing white pants and a white shirt is standing behind the buckets, using a long-handled mixing tool to stir the contents of the rightmost bucket. A yellow flexible hose is connected to the mixing tool. To the right of the buckets, there is a small white plastic cup. The background is a plain concrete floor.

Stir the **material** in  
all containers.

Check all containers for  
their **consistency**.



If possible, add the **specified amount of water** to all containers to avoid waiting times.





Stir the material in all **containers**.

**StarSilent Top Finish** is applied to the **StarSilent Top Basic** intermediate coating, starting from the corner or the edge.





It is important to apply a sufficient amount of material for the subsequent **toothing**.





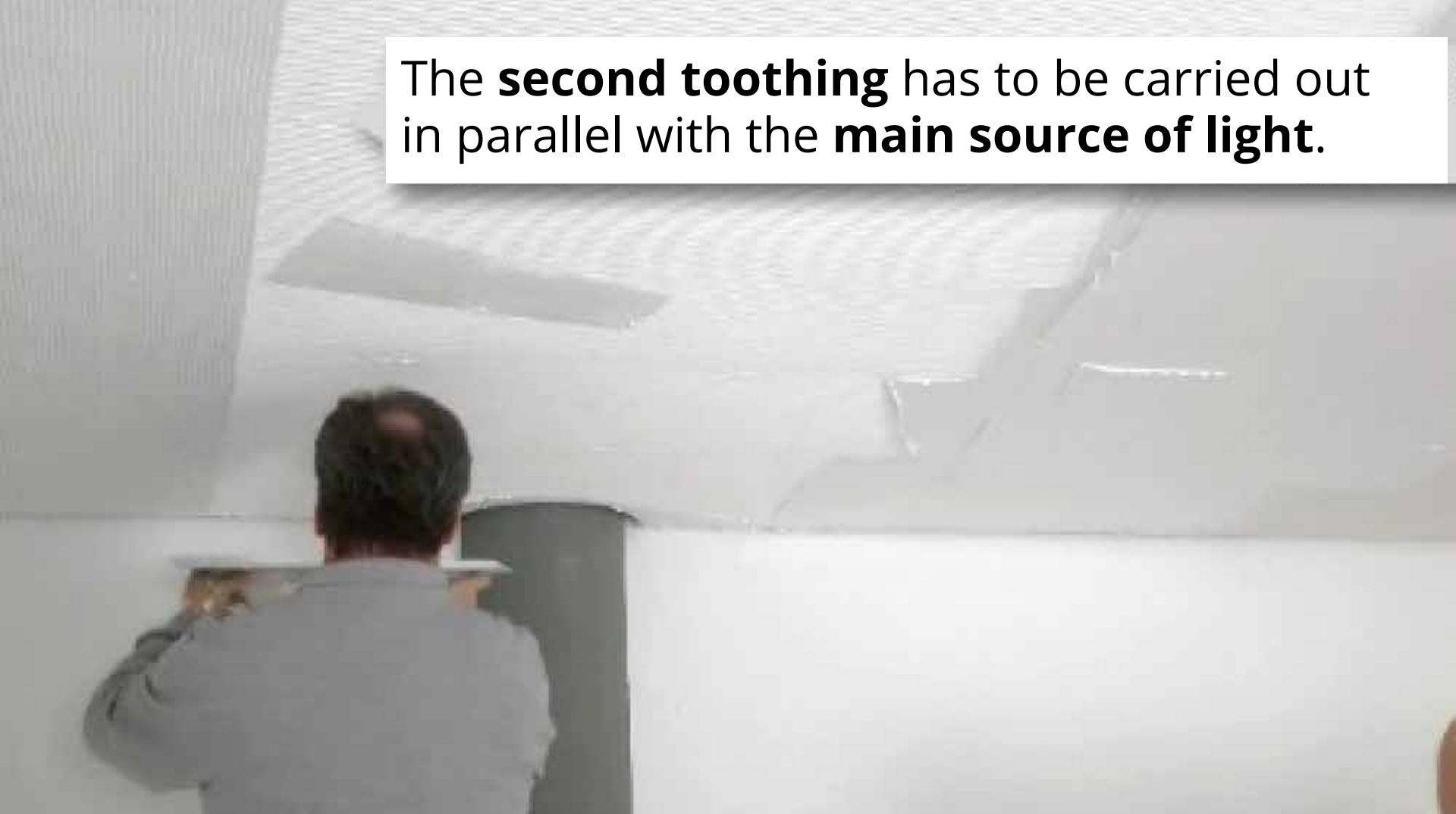
It is important to apply a sufficient amount of material for the subsequent **toothing**.




The **toothed trowel** is pressed on strongly and uniformly at an angle of approx. 30°.



The **second tothing** has to be carried out in parallel with the **main source of light**.





In order to achieve a substantially even layer thickness, each tothing step should always be performed in one direction and by the same person.

A construction site showing two workers in grey long-sleeved shirts and white pants. One worker is in the background, applying plaster to a wall. The other worker is in the foreground, bent over, using a wide trowel to smooth the plaster on the floor. Three large yellow buckets with the 'sto' logo are in the foreground. The room has white walls and a concrete floor.

Smoothen the material  
using a **wide trowel**.

First, smooth the areas along the **edge**.





The **wide trowel** is evenly pressed against the surface at an angle of approx.  $10^{\circ}$ .

A photograph showing two construction workers in a room, applying plaster to the ceiling. The workers are wearing grey long-sleeved shirts. In the foreground, there are three yellow buckets with the 'sto' logo. The room has white walls and a dark vertical pipe in the center. A white text box is overlaid on the image.

During this application cycle, only a minimum amount of material should be trowelled off.





**Smoothing** is to be carried out with no fixed smoothing direction, but must result in a **neat appearance**.



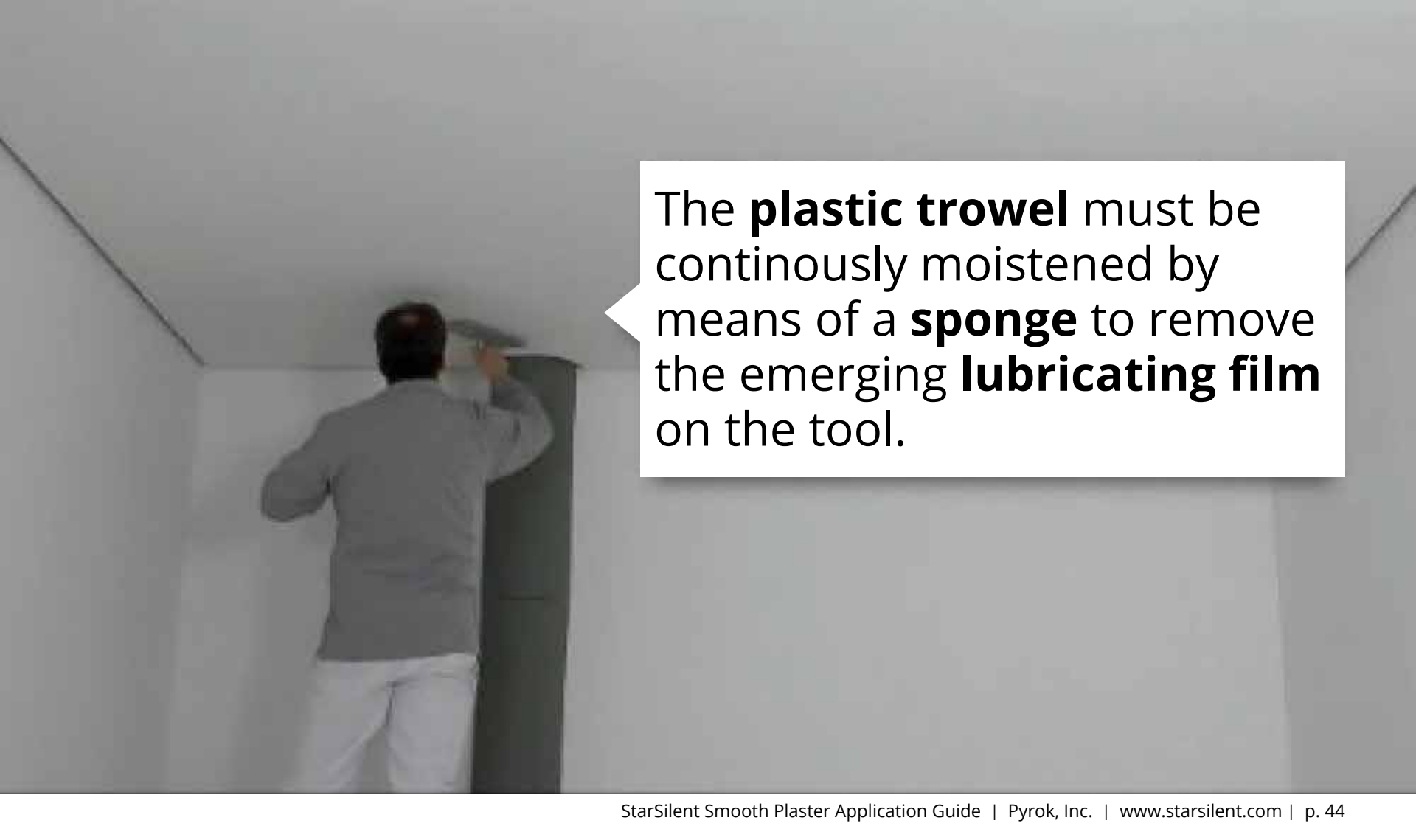


If there is not enough material on a limited surface, take material from the surrounding area where possible.



Level the area **along the edges** with the **plastic trowel** after approx. 15-45 minutes (noticeable when the surface becomes matt).



A person wearing a grey long-sleeved shirt and white pants is seen from behind, applying plaster to a wall with a trowel. The wall is white and the ceiling is also white. A dark vertical element, possibly a door frame, is visible to the right of the person. A white text box with a pointer to the person's hand is overlaid on the right side of the image.

The **plastic trowel** must be continuously moistened by means of a **sponge** to remove the emerging **lubricating film** on the tool.

- We recommend the creation and acceptance of an at least 5 m<sup>2</sup> test surface with StarSilent Top Basic and StarSilent Top Finish.
- Enough employees need to be available for the application of StarSilent Top Basic and StarSilent Top Finish (1 skilled worker per 1.0 - 1.5 metre of work width; in case of difficult connection details or the like, manpower needs to be increased accordingly).
- A surface scaffolding is required to apply the coating.
- The StarSilent Top Basic intermediate coating must only be worked on again after a drying time of 36 hours (48 hours with white and tinted material).

Please note that the individual installation steps in this presentation only show general suggestions based on ideal conditions, which simply provide you with a visual guide of the basic processes and functions. Naturally, no precise dimensions are included. The applicator/customer is independently responsible for determining how the construction project in question is carried out and applied and for making any necessary changes or adjustments. This applies to all projects carried out that are to be agreed in the light of local conditions.

This presentation in no way represents work detail or installation plans. The technical specifications and product information details, particularly those relating to the specifications for carrying out work, and those in the Technical Data Sheets and in-system descriptions/certificates, must be observed.

When installing acoustic panels, we recommend using personal protective equipment, such as gloves, protective goggles, a fine dust mask and dust-proof work clothing. Further information is included in the safety data sheets.