

St. Leo

APPLICATION GUIDE: DOLOMITE PLASTER TROWEL TECHNIQUE

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PAINT + PLASTER

PRODUCT
DETAILS

St. Leo Dolomite Plaster can be applied to normal interior surfaces such as dry walls, painted walls, wood, concrete and brick. Typical coverage is 5 - 7 M2 including 2 coats. The final application depends on the smoothness of the surfaces. Rough surfaces should be sanded and treated with primer prior to application. Highly absorbent surfaces should also be treated with primer. Made from natural ingredients, each batch of Dolomite Plaster bears a slightly unique character. More details about ingredients, safety and maintenance are available [here](#).

PREPARATION

Always check the label to ensure you have the correct Dolomite Plaster product before application. To avoid colour variation when using multiple buckets, do not use different batches on the same wall. When using multiple plaster buckets, reserve the last 2 litres of the first bucket and stir into the next bucket, mixing well before application. Make a small test before beginning the full application. The optimal humidity for application and drying is 50% RH, and optimal temperature is 18-23 degrees Celsius. If the area to be plastered is large—more than 10 M2—it is recommended to have 2 persons working simultaneously.

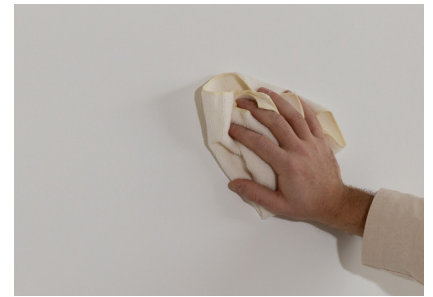
EQUIPMENT

You will need a wooden stick, a lint-free cloth and soft brush for cleaning walls, a soft paint brush approx. 150mm thick and another 50mm thick, a large short-haired paint roller with a long handle and a second roller with a short handle, a large trowel approx. 300mm thick, a medium trowel approx. 150mm thick and a small trowel approx. 50mm thick. You will also need sandpaper type 220, masking tape and a plastic sheet, a spray bottle with water and a bucket of soapy water, a plastic bag, face mask and a ladder. To watch video instructions for Dolomite Plaster, please visit: stleointeriors.com/application.



STEP 1

Cover all areas that will not be plastered: cover wall and floor edges with tape and cover the floor with a plastic sheet.



STEP 2

Use a slightly moist, lint-free cloth or a soft brush to remove all dust from the walls and ensure a smooth and even surface. Use sandpaper 220 to smooth rough surfaces.



STEP 3

Slightly moisten the paint roller using a water spray or the tap. Be careful not to soak the roller.



STEP 4

Use a wooden stick to thoroughly stir the plaster before and during application. Dip the paint roller into the Dolomite Plaster bucket so that it is completely and evenly covered in plaster.



STEP 5

Working quickly, roll the plaster from floor to ceiling, edge to edge and to corners in 3mm thicknesses. Plaster walls completely and evenly before stopping work. 2 people should work simultaneously on areas larger than 10M2.



STEP 6

Allow the plaster to dry for approximately 3-7 minutes. Bend the edges of both trowels to prevent scratching the plastered surfaces during the following steps.



STEP 7

With edges curved away from the wall, use the trowel to smooth the plaster by making large, curved movements across all surfaces. Start from the wetter areas and blend the plaster across to the drier areas. Work quickly to smooth all areas before stopping.



STEP 8

Use the smaller trowel to plaster edges and corners, leaving some excess plaster on outside corners to smooth later. Completely trowel all the plastered surfaces, edges and corners before the plaster dries to ensure a uniform appearance.



STEP 9

Carefully remove tape while the plaster is wet. Use a soft cloth moistened with water to clean any mistakes before they dry.



STEP 10

Immediately clean tools with water and soap and place the roller in a plastic bag. Soak tools in water to remove dried plaster. Allow the plastered walls to dry completely for approximately 12 hours.



STEP 11

Re-cover wall edges with tape and recover the floor with plastic. Smooth bumps and drips with the trowel or sandpaper to create the desired finish, then use a soft dry cloth or brush to remove dust.



STEP 12

Repeat steps 4 and 5 to roll the second layer of plaster in 2mm thicknesses onto all surfaces from floor to ceiling and edge to edge. Smooth any bumps or drips before stopping work.



STEP 13

Wait approximately 3-7 minutes for the second layer of plaster to dry slightly, then repeat steps 7 to 9 to smooth all walls, edges and corners with the trowel, taking extra care as this will create the final texture of the surfaces.



STEP 14

After all areas have been smoothed to a uniform appearance, carefully remove the tape and plastic sheet while the plaster is wet. Immediately clean tools with soap and water. Allow the plastered walls to dry completely for approximately 12 hours.



STEP 15

Recover the floor with plastic. Gently smooth the dried corners, edges and bumps using sandpaper 220 or a dry trowel. Wipe off all dust with a dry soft brush or a dry lint-free cloth.



STEP 16

To increase durability and improve resistance to impact, scratches and moisture apply 2 layers of St. Leo Topcoat to the finished, dried plaster. It will also add depth to the plaster colour. Visit stleointeriors.com/application for instructions.

REPAIRS

To repair mistakes or damage, make an asymmetric patch of tape around the affected area. Use sandpaper 220 to smooth the area inside the patch, then use a small trowel or paint brush to cover the area with a thin layer of plaster. Allow to dry for 12 hours, then gently smooth the plaster with sandpaper 220. Apply a very thin layer of topcoat (first diluted and mixed with 3 parts water to 10 parts topcoat) directly onto the patch. Carefully remove the tape while the topcoat is wet and allow to dry for 2-3 hours.

ONGOING CARE

For on-going care, the finished plaster surfaces can be cleaned with a dry, soft brush or a dry microfiber cloth. If St. Leo Topcoat Five has been applied, dirt and stains can be cleaned with a microfiber cloth that has been dampened with PH-neutral soap and water. Use soap and water to remove plaster from tools, skin or clothing. Plaster that has dried onto tools or clothing can be dissolved by soaking in water. Dolomite Plaster must not be poured into the drain due to environmental regulations. Visit stleointeriors.com/downloads for more details on safety, storage and care.

SHARE

Share your St. Leo project on Instagram with #stleointeriors and follow [@stleointeriors](https://www.instagram.com/stleointeriors) for more inspiration. We welcome images and videos of your projects as well as any feedback or questions. Please feel free to contact us at: info@stleointeriors.com.