简单家庭维修：窗户和门周围裂缝的密封

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高能耗的供暖和制冷费用；来自裂缝的湿气、灰尘和污垢；以及昆虫进入房屋的迹象表明，是时候密封您的窗户和门窗了。

所需物品
- 膏状物（合成）和刀片
- 密封胶
- 聚乙烯醇（在绳索和粉末形式）
- 包装的即用型水泥（如果修补砖墙）
- 溶剂，如清洁剂
- 小指状工具
- 小钢柄凿子
- 砖石接缝工具（如果修补砖墙和现有的砖石接缝是"凹"接缝）

密封裂缝和孔洞（非砖石）

- 检查以下地方是否有需要密封的裂缝和孔洞

  1. 窗户和门窗框架与主框架之间的缝隙。
  2. 房屋外壁和角落的间隙。
  3. 外墙与砖石接缝形成的接缝。

图1：密封门窗框架和主框架之间的缝隙。

图2：密封外墙和角落之间的缝隙。

图3：密封砖石接缝。

密封剂根据环境选择

1. 温度
2. 湿度
3. 施工情况

密封方法

- 清洁表面
- 在裂缝或孔洞两侧贴上密封胶
- 使用密封胶填满整个裂缝

Before applying new caulking (or putty), remove the old and wipe the area clean with a cloth soaked with a solvent similar to cleaning fluid.

Most joints can be caulked with the "rope form" caulking. Unwind the caulking and force it into the cracks with your fingers (Figure 6).

For large openings or cracks, such as gaps between lengths of siding, use "bulk" caulking and apply with a putty knife or small trowel as pictured in Figure 7. Clean away excess as you work.

To seal around glass in windows and doors, use putty and apply with a putty knife (Figure 8). Lay a small roll of putty, 1/8-inch to 1/4-inch thick, around the sash or frame so that it fills the groove in which the glass rests. Make sure that the putty is fully applied to both the glass and the sash or frame. Press the putty firmly with the knife to assure a good seal. Trim away excess as you work.

For holes in wood surfaces, use putty and apply with a putty knife.
Filling masonry cracks

- Use the chisel to chip out loose mortar from all joints to be filled.
- Mix a batch of mortar according to the package directions.
- Wet the masonry thoroughly before you begin and keep it wet as you work.
- Apply the mortar with a small pointing trowel, illustrated in Figure 9. Press the mortar firmly into the joint, making sure the joint is full.

- Take off the excess mortar with the edge of the trowel. Now finish the joint to match the existing joints (Figure 10).

You can make the V-shape with the tip of the pointing trowel. Hold the trowel at a 45-degree angle to the joint, push the tip into the joint and then firmly move the trowel along the joint (Figure 11).

You'll need a special masonry tool called a "jointer" to make a concave joint (Figure 12). Place the jointer over the mortar joint lengthwise and press the mortar firmly into the joint to form the concave shape (Figure 13).
• Fill and finish a joint (equal to 8 to 10 brick lengths) before you start another.
• Keep the newly filled joints damp for 2 or 3 days by frequently wetting with a fine spray from a water hose or by covering with wet burlap.

Your benefits

Your house will be more air-tight, lowering the heating bill, getting rid of the insects and preventing moisture damage.

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