

# Natural wallpaper imitating the wax layer of plants

1. (a) Technical research proposal to solve concrete problems
2. Abstract of 1 page (including proposal representative's affiliation and contact address, the abstract will be posted on APCChE website)

School of Chemical Engineering, Chonnam National University, Building 5 77 Yongbong-ro, Buk-gu Gwangju 61186, Korea  
Yongjae NA\*, +821091701785  
Jinyoung KIM, +821053387277  
Eunha CHO, +821024471143  
Hyunmin KIM, +821093208544  
\*Corresponding author

The process of chemical building materials disposal pollutes the atmosphere and releases environmental hormones that have a harmful effect on the human body. Therefore we need to seek what can replace that through R&D. Instead of wax, which is used as an existing architectural finishing material, it will imitate the original characteristics of the wax layer of plants. It also finds plant extracts for eco-friendly wax and examines performance comparison with off-the-shelf products, economic profit generation and, moreover, environmental preservation to achieve results.

## Schematic diagram(wallpaper or tile)

