

RSIC PRODUCTS FOR ELECTRICAL BOXES

Electrical box treatment for RSIC-1 wall and floor ceiling systems.

The use of the RSIC-1 clips extends the gypsum board 1-5/8" away from the structure. The use of extension boxes will bring the electrical box out to within 1/8" of the face of the gypsum board. Then by adding the proper mud ring to the electrical box, the electrical contractor will be able to install the switches, and plugs as per normal. Please view the parts below, and the drawing that illustrates the application of these parts.



Shown above is a standard four square steel electrical box with an extension box, and your choice of mud rings. These mud rings come in varying sizes; from 1/4" to 3/4" you can choose the desired size that works for you.



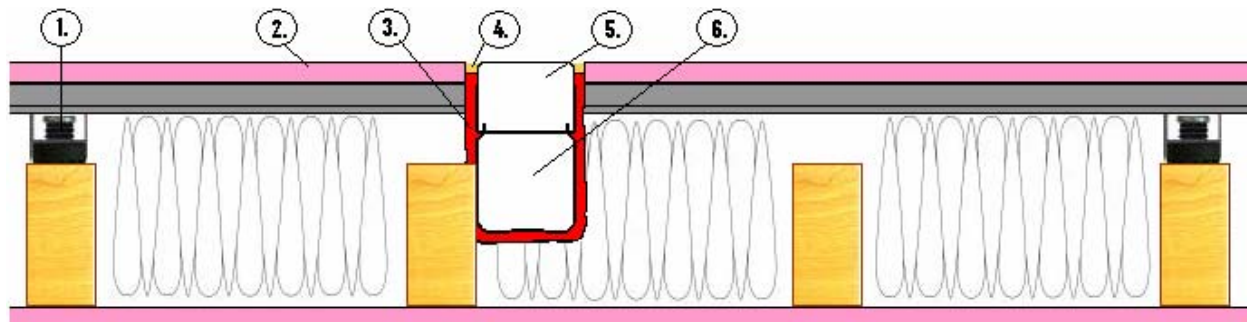
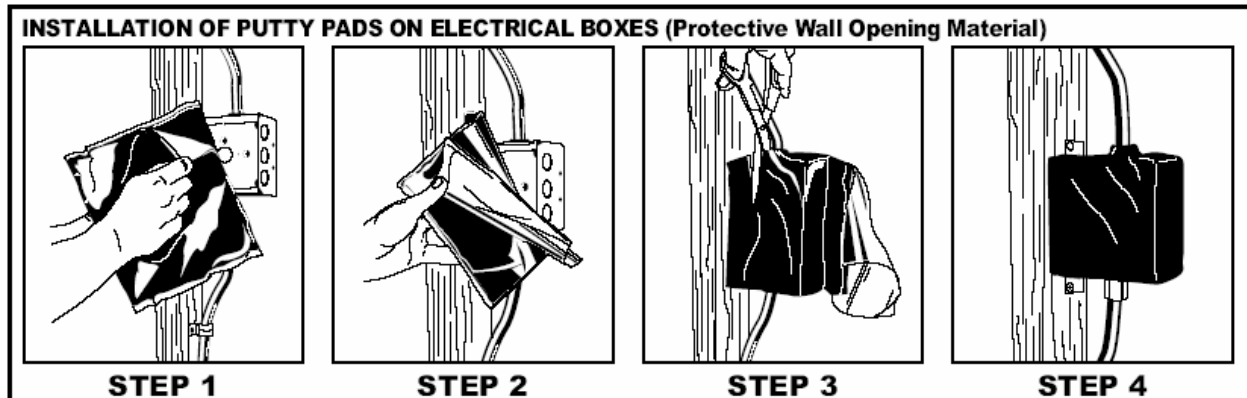
For residential applications, new and retro-fit using smaller pvc residential boxes, add just the extension box to bring the finish near the face of the gypsum.

PAC International, Inc. Tel: (866) 774-2100 Fax: (866) 649-2710 Web Site: www.pac-intl.com

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Putty Pads Application

The electrical boxes need to be sealed with a putty pack material. Here is an example of the installation process.



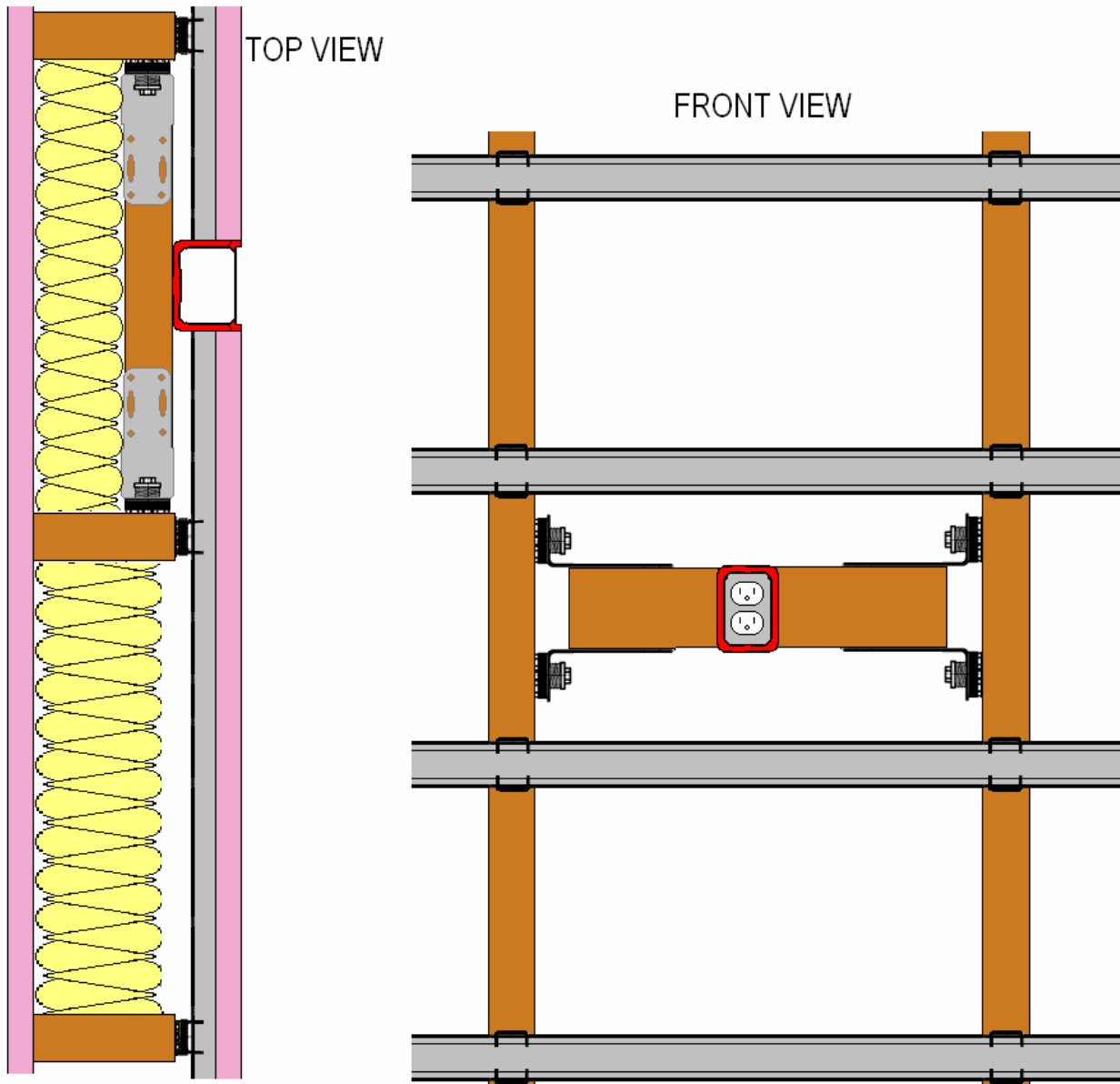
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|------------------------------------|--------------------------------------|
| 1. RSIC-1 | 4. non hardening acoustical caulking |
| 2. Gypsum Board | 5. 1.5" extension box |
| 3. Putty Pack (Spec Seal or equal) | 6. Standard residential electric box |

Wrapping these electrical boxes help the overall acoustical performance of the wall of floor ceiling assembly by increasing the mass around one of the acoustically weak parts of the system. Please consult your acoustical consultant to verify the application of the putty pads and acoustical caulking.

RSIC PRODUCTS FOR ELECTRICAL BOXES

ACOUSTICAL ISOLATION FOR ELECTRICAL BOXES IN WALLS

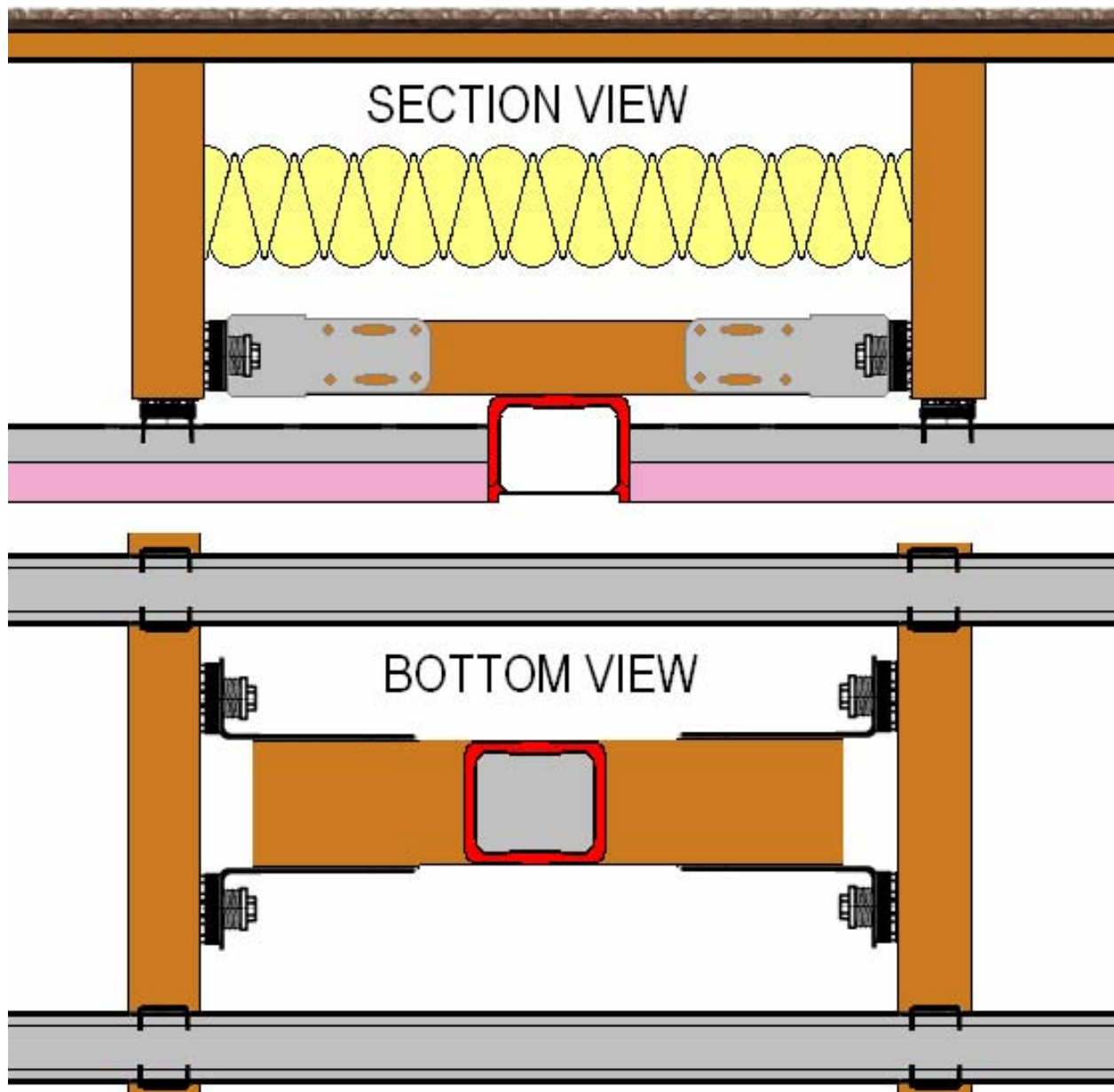
The RSIC-DC04 can also be used to isolate electrical boxes in walls.



RSIC PRODUCTS FOR ELECTRICAL BOXES IN CEILINGS

ACOUSTICAL ISOLATION FOR ELECTRICAL BOXES IN CEILINGS

Heavy Duty - 144 lbs acoustical design load.

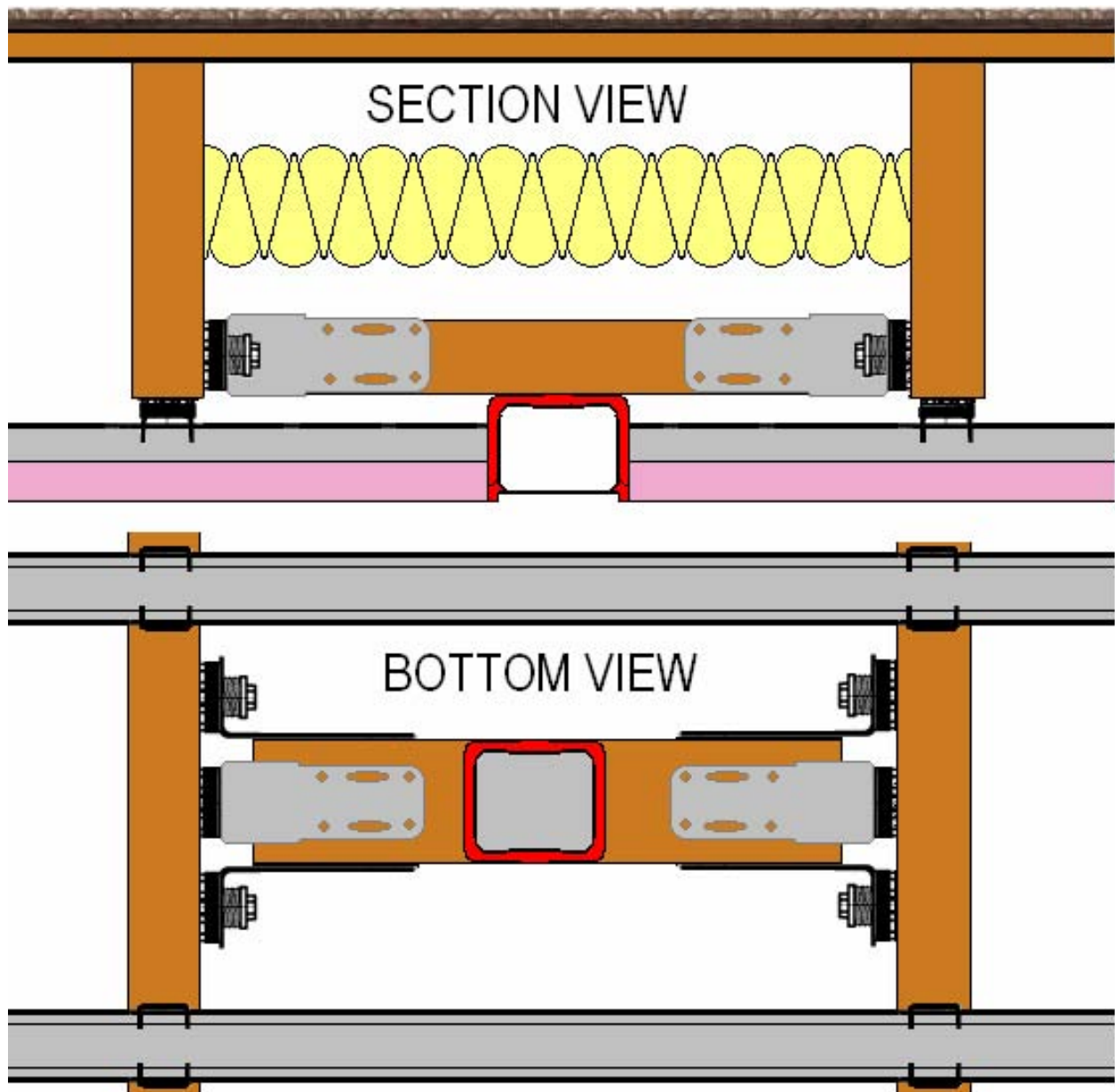


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RSIC PRODUCTS FOR ELECTRICAL BOXES IN CEILINGS

ACOUSTICAL ISOLATION FOR ELECTRICAL BOXES IN CEILINGS

Extra Heavy Duty - 216 lbs acoustical design load.

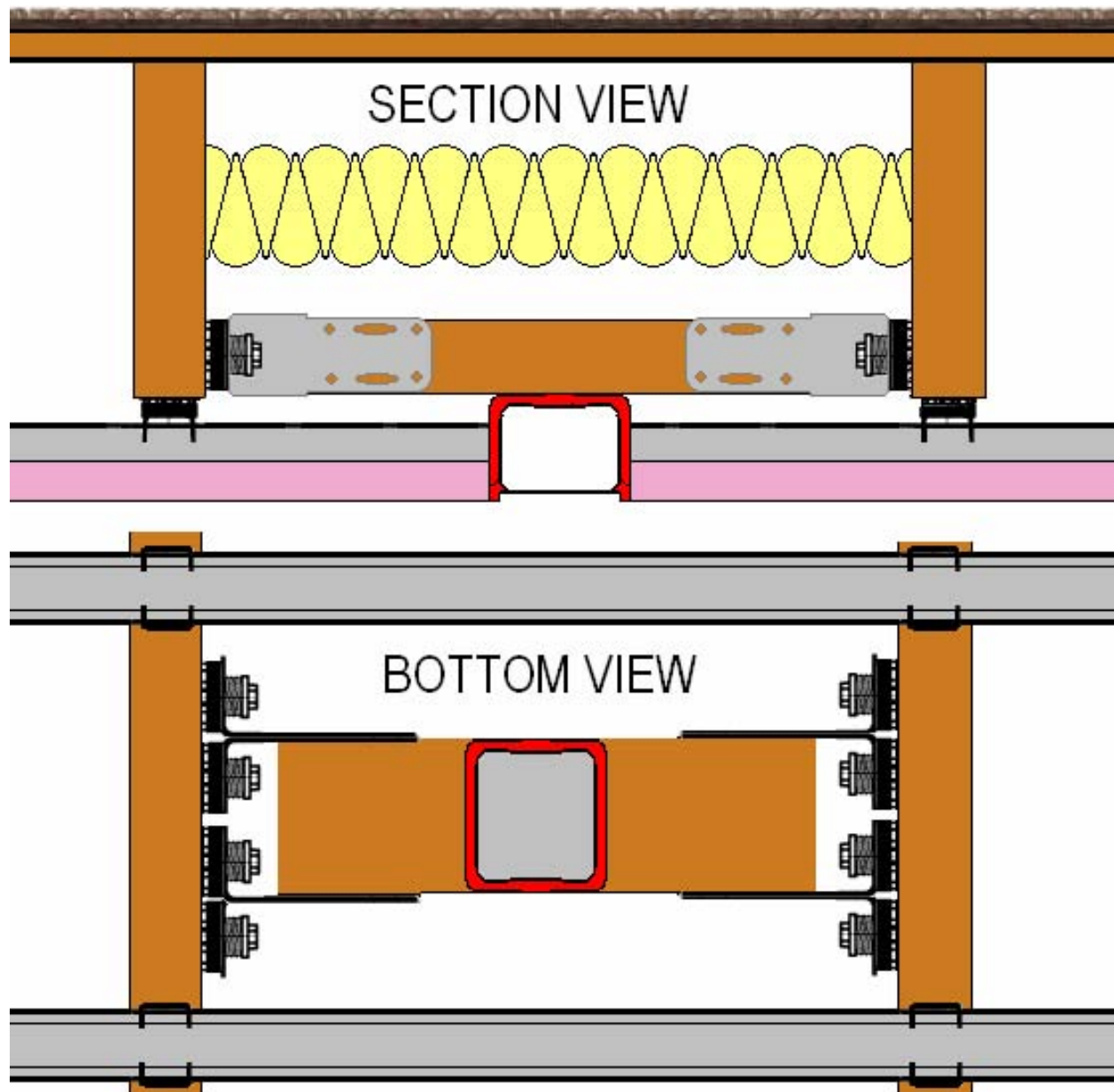


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RSIC PRODUCTS FOR ELECTRICAL BOXES IN CEILINGS

ACOUSTICAL ISOLATION FOR ELECTRICAL BOXES IN CEILINGS

Ultra Heavy Duty - 288 lbs acoustical design load.



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