

**Re: Conductive coating on glass**

Yongwook Baek

Sent: 14 February 2022 15:09

To: Ian Crotty

Hi Ian,

Here is the products.  
I hope it helps you.

Cheers,  
Yongwook



**STANO  
COLLOID**

**San**

**Solid**

**Ke  
Whieldon Rd  
Tel: +44 (0) 1782  
E-mail: sa**

**STANOS  
D**

**(TIN OXIDE 80%**



On 14 Feb 2022, at 12:25, Ian Crotty <[ian.crotty@cem.ch](mailto:ian.crotty@cem.ch)> wrote:

Yongwook

Super TKS

Ian

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**From:** Yongwook Baek  
**Sent:** 13 February 2022 20:44  
**To:** Ian Crotty  
**Subject:** Re: Conductive coating on glass

Hi Ian,

Maybe, tomorrow afternoon I will let you know what the product is.

Cheers,  
Yongwook

On 13 Feb 2022, at 20:33, Ian Crotty <[ian.crotty@cern.ch](mailto:ian.crotty@cern.ch)> wrote:

Hello Yongwook

the values are perfect, at least for cosmics .

And what is this "special resistive paint( mixed with methanol)" please ?

Where can we obtain this special product. I hope it does not cost the earth.

Thanks again                    Ian

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**From:** Yongwook Baek  
**Sent:** 12 February 2022 21:16  
**To:** Ian Crotty  
**Subject:** Re: Conductive coating on glass

Hi Ian,

I am fine, thanks.  
I hope you are doing well too.

If you ask me about the resistive plane for HV, we use special resistive paint( mixed with methanol) spread with a roller and urethan to fix paint on the surface of glass.  
It gives about 0.5Mega ~100Mega Ohm, I do not know it goes up to the GOhm level.

I hope I answered your question.  
And I am at CERN.

Cheers,  
Yongwook

On 12 Feb 2022, at 12:59, Ian Crotty <[ian.crotty@cern.ch](mailto:ian.crotty@cern.ch)> wrote:

Hello Yong Wook

Long time, you fine with Covid ?

I am hoping to help a Brazilian group make an RPC to take back and build a simple set up to look at Cosmics.

How or what do you use to make an electrode with resistivity in the 100s of kOhms to GOhm ?

They will use glass as the substrate, I remember tape or some form of paint , ITO perhaps, something simple.

Something simple to procure also !

Thanks in advance

Cheers     Ian

PS are you around at CERN ?