

PROJECT IDEA/CREATION FORM

Title: Measuring color of decorative material in the field
Submitter: Sylvain Denis
Submittal Date: 2019-05-27
Submitter Contact Info (phone and email): sdenis@walkerglass.com

TASK GROUP MEMBERS:

Name	Company	Email
Sylvain Denis	Walker Glass Co., Ltd.	sdenis@walkerglass.com
Michael Saroka	Goldray Glass	mike@goldrayglass.com
Kevin Ramus	Vitro Architectural Glass	kramus@vitro.com
Jim Gulnick	McGrory Glass	jim@mcgrory.com
Casey Anderson	ICD High Performance Coatings	Casey.anderson@icdcoatings.com
Gady Ginzburg	Dip-Tech, a Ferro Company	gady.ginzburg@ferro.com
Doug Schilling	Schilling, Inc.	Doug.schilling@schillinginc.com
Tim McGee	Glass Coatings and Concepts	tmcgee@gcconcepts.com
Randy Reynolds	Glass Coatings and Concepts	rreynolds@gcconcepts.com
Matt Hanna	Glass Coatings and Concepts	mhanna@gcconcepts.com
Elizabeth Cotton	AGC Glass Company	Elizabeth.cotton@us.agc.com

BASIC INFORMATION:	Describe
Project Description	We are moving along the GIB and made good progress. It has become clear that in order to complete this GIB, we will need a proper procedure to take color measurement on the field (once the glazing is installed, in the warehouse of the fabricator...) and be able to do a good comparison to the reference sample or mock-up. This new GIB will tackle exactly this using ASTM C1376 section 6.4.2 as a baseline.
Does this require immediate action? If yes, please explain.	Call for volunteer during Fall conference. Can be worked on in parallel with Defining an acceptable color variance for decorative glazing.

AUDIENCE:	Describe
Who is the primary audience for the finished work, and why?	Please mark one primary audience: <input checked="" type="checkbox"/> fabricators and manufacturers <input type="checkbox"/> suppliers <input checked="" type="checkbox"/> contract glaziers <input type="checkbox"/> specifiers <input type="checkbox"/> architects <input type="checkbox"/> building owners <input type="checkbox"/> other: _____

SCOPE:	Describe
Identify the breadth/depth of the project and any known limitations/boundaries that need to be considered to provide the target deliverable.	The industry has already some baseline defined in ASTM C1376 section 6.4.2. Coating manufacturer also have a lot of experience measuring color in the field. This GIB should cover the how-to measure in the field and in the shop in order to properly evaluate the delta E. The ASTM C1376 has only basic information on how to measure in the field, we need something more in depth.

What is the recommended format of providing the work product to the target audience?	Please mark one primary format: <input checked="" type="checkbox"/> GIB (Glass Informational Bulletin) & GTP (Glass Technical Paper) <input type="checkbox"/> Standard <input type="checkbox"/> Manual <input type="checkbox"/> Magazine article <input type="checkbox"/> MyGlassClass.com course <input type="checkbox"/> Thirsty Thursday webinar <input type="checkbox"/> AIA presentation Other: _____
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PURPOSE & OBJECTIVES:	Describe
What knowledge or skill gap will the work product close?	A standardized way to measure color in the field in order to validate if the delta E is within specification.

TIMELINE:	Describe
Identify timeline, start to finish	Task group creation, Fall conference 2019
Target Date to First Ballot (if applicable)	Ballot by Fall conference 2020
Target Date for Project Completion*	Published by Annual conference 2021 <small>*understanding a document goes through three levels of balloting for 21-days each, in addition to time to address any comments at each level.</small>

Attachment (if applicable):

FOR INTERNAL USE ONLY [STAFF TO COMPLETE]

Related Task Groups	Defining an acceptable color variance for decorative glazing
Non-technical explanation	
Does the project or topic meet the association's strategic focus (annual, 3-year plan)?	
Budget	
After publication, packaging and promotion plan	Additional formats: <input checked="" type="checkbox"/> news release <input checked="" type="checkbox"/> newsletter article <input type="checkbox"/> house ad <input checked="" type="checkbox"/> Glass Magazine <input type="checkbox"/> website promotion <input checked="" type="checkbox"/> education/event topic

	<input type="checkbox"/> MyGlassClass.com course <input type="checkbox"/> Express Learning <input checked="" type="checkbox"/> webinar <input type="checkbox"/> AIA, CSI, other
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Scope

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Outline

Retain page 1 wording from Vitro document

Single-color lites only

Translucent: white or black backing needed – reading taken 2" from edge

Gonio-apparent color: textures/patterns/metallics versus aperture size – reading taken 2" from edge

- Color that appears to change based on angle

2'x2' mask around spectrophotometer – must allow physical contact w/ glass

Take 10 readings from different positions; rotations

Measure from side 1/exterior

Consistent sun position

What is it being compared to? stock, mock-up