

Spring 2010 Pervious Concrete Competition - Specimen Testing Category

Sponsored by the American Concrete Institute, the Center for Maximum Potential Building Systems and the U.S. Green Building Council®

Competition Date: March 21, 2010

Judges: Walt Flood IV

Chad Dunham

Mike Hufnagel

Don Etter



$$FinalScore = (0.45)(P) + (0.45)(S) + (0.10)(R)$$

School Name	Team ID	Rule Compliance			Permeability Time (seconds)	Split Tensile Load (lbs)	Report Score (%)	Split Tensile Strength (psi)	Permeability Ranking	Split Tensile Ranking	Report Ranking	Final Score	Overall Ranking
		Material	Curing	Size									
University of Arkansas	RZRBK	X	X	X	8.84	9860	86	262	8	16	15	12.30	6
		X	X	X									
Universidad Autonoma de Nuevo Leon	UANL1	X	X	X	23.90	19875	91	527	25	3	9	13.50	9
		X	X	X									
Universidad Autonoma de Nuevo Leon	UANL2	X	X	X	23.56	4880	96	129	24	28	2	23.60	30
		X	X	X									
Istanbul Technical University	ITU-2	X	X	X	18.15	12680	90	336	22	8	10	14.50	13
		X	X	X									
Kansas State University	241CN	X	X	X	14.47	9815	87	260	14	17	14	15.35	17
		X	X	X									
Universidad de Costa Rica	UCR	X	X	X	5.56	9280	96	246	1	21	1	10.00	5
		X	X	X									
University of Missouri -Kansas City	UMKC	X	X	X	5.78	4955	94	131	2	27	5	13.55	10
		X	X	X									
Southern Illinois University Edwardsville	SIUE1	X	X	X	11.72	9450	50	251	10	19	27	15.75	18
		X	X	X									
Michigan Technological University	PDCM	X	X	X	13.41	10775	95	286	13	14	4	12.55	7
		X	X	X									
Middle Tennessee State University	MTSUup	X	X	X	14.85	9955	83	264	16	15	21	16.05	19
		X	X	X									
Missouri University S&T	S&T-2	X	X	X	12.60	9725	89	258	12	18	11	14.60	14
		X	X	X									
Missouri University S&T	S&T-1	X	X	X	14.68	13900	96	369	15	5	2	9.20	2
		X	X	X									
Queen's University Belfast, UK	QUBUK	X	X	X	14.91	7220	86	192	17	23	16	19.60	25
		X	X	X									

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		Material	Curing	Size									
CSU Chico	54321	X	X		DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
		X	X										
Arizona State University	ASU-1	X	X	X	18.03	12270	88	325	21	10	13	15.25	16
		X	X	X									
North Carolina State University	WOLF	X	X	X	30.50	20255	93	537	28	2	7	14.20	12
		X	X	X									
North Carolina State University	PACK	X	X	X	37.00	19755	43	524	29	4	30	17.85	22
		X	X	X									
University of Kansas	KU 1	X	X	X	7.37	11705	85	310	4	12	18	9.00	1
		X	X	X									
University of Kansas	KU 2	X	X	X	17.53	6520	85	173	19	25	18	21.60	28
		X	X	X									
Ryerson University	RUAMA	X	X	X	11.65	11715	94	311	9	11	6	9.60	3
		X	X	X									
San Jose State University	SJSU1	X	X	X	18.00	13065	85	347	20	7	17	13.85	11
		X	X	X									
Kansas State University	AE/CE	X	X	X	17.41	6275	93	166	18	26	8	20.60	27
		X	X	X									
University of Puerto Rico Mayaguez	UPRM1	X	X	X	26.62	9305	71	247	26	20	26	23.30	29
		X	X	X									
University of Houston	UH-1	X	X	X	7.53	2135	77	57	5	30	24	18.15	23
		X	X	X									
University of Houston	UH-2	X	X	X	11.81	3900	72	103	11	29	25	20.50	26
		X	X	X									
University of Illinois at Urbana/Champaign	uiuc1	X	X	X	7.85	7035	89	187	6	24	11	14.60	14
		X	X	X									
University of Illinois at Urbana/Champaign	uiuc2		X	X	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
			X	X									

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		Material	Curing	Size									
Arizona State University	ASU-2	X	X	X	7.25	8270	84	219	3	22	20	13.25	8
		X	X	X									
Iowa State University	ISU4	X	X	X	107.81	20375	83	540	30	1	22	16.15	20
		X	X	X									
Villanova University	NOVA	X	X	X	30.31	13500	50	358	27	6	27	17.55	21
		X	X	X									
University of Nevada, Las Vegas	UNLV	X	X	X	8.13	12510	50	332	7	9	27	9.90	4
		X	X	X									
Purdue University Calumet	21998	X	X	X	19.06	11470	82	304	23	13	23	18.50	24
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									
		X	X	X									