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DE DOCUMENTATION
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Bases de données.Livres.Revues.Traités.Normes

partenaire du



Guide d'utilisation de la base de données : ASTMSEDL



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I- l'éditeur ASTM: the American Society for Testing & Materials

Fondée en 1898 ASTM, the American Society for Testing and Materials, est l'une des plus importantes organisations dédiées à la normalisation en sciences des matériaux. 30 000 membres dans 125 pays apportent leur expertise technique au développement de 12 000 normes internationales.

ASTM publie également plusieurs revues scientifiques et de nombreux ouvrages techniques.

Ce fonds scientifique est disponible via la Digital Library

L'ASTM SEDL fournit une couverture complète dans les domaines suivants :

- Génie aérospatial
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- Santé et ingénierie de la sécurité
- génie industriel
- La science et génie des matériaux
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- Plus de 12 000 normes actives
- 12 300 Redlines (les modifications apportées aux nouvelles éditions de normes sont indiquées par du texte écrit en rouge.)
- 28 500 normes historiques
- 1 000 normes annulées
- Les normes actives sont disponibles en format PDF et HTML

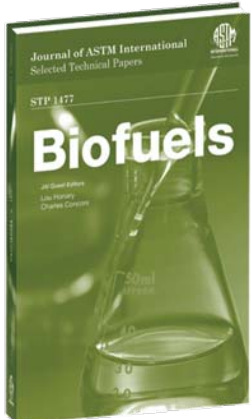
-les six revues ASTM : Plus de 104,000 pages , en croissance continue.

Titre	Date	Pages
1- Journal of ASTM International (JAI)	1996 to today. 10 numéro par an.	21,371
2- Geotechnical Testing Journal (GTJ)	1978 à ce jour. 6 Numéro par an	6,505 pages 144 volumes
3- Journal of Testing and Evaluation (JTE)	1973 à ce jour. 6 Numéro par an	14,002 pages 229 volumes
4- Journal of Cement, Concrete and Aggregates (CCA)	1979 à 2004 Aujourd'hui inclus dans JAI	1,414 pages 51 volumes
5- Journal of Composites Technology and Research (JCTR)	1978 à 2003 Aujourd'hui inclus dans JAI	4,516 pages 99 volumes
6- Journal of Forensic Sciences (JOFS)	1972 à 2005 Aujourd'hui inclus dans JAI	56,205 pages 175 volumes

ASTM Standards & Engineering

Digital Library – Special Technical Publications (STPs) E-Books

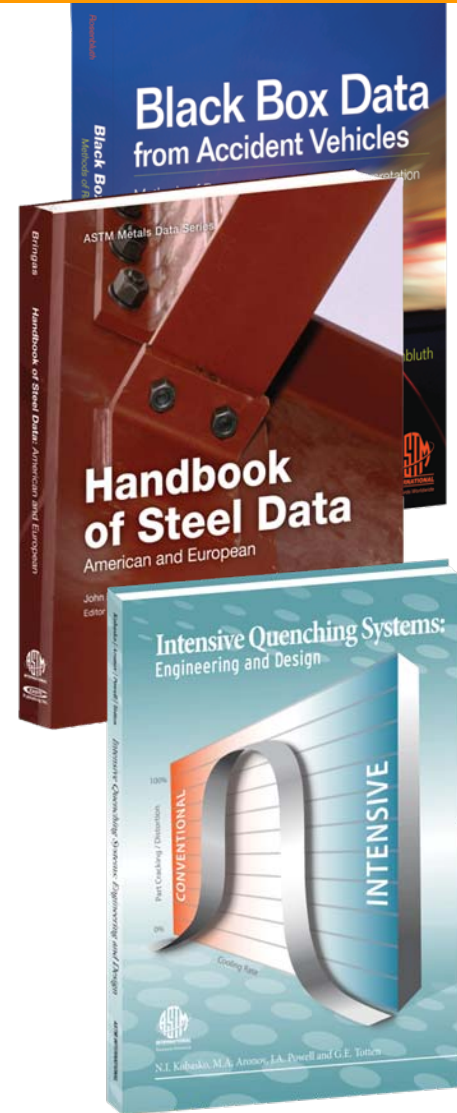
- Les derniers résultats de recherche en engineering rapportés dans les symposiums ASTM.
- 29,000 articles - Les proceedings des conférences ASTM sont à comité de lecture
- Publiés en forme d'un livre
- 1 517 livres croissant chaque année.
- 10-12 ajoutés chaque année
- 382136 pages
- 1931 – Aujourd'hui



Les publications STP par sujet

Construction.....	317
Electrical Insulation and Electronics.....	40
General Methods and Instrumentation.....	75
General Products, Chemical Specialties, and End-use Products	157
Iron and Steel Products.....	58
Medical Devices and Services.....	29
Metals Test Methods and Analytical Procedures.....	423
Nonferrous Metal Products.....	43
Nuclear, Solar, and Geothermal Energy.....	57
Paints, Related Coatings, and Aromatics.....	20
Petroleum Products, Lubricants and Fossil Fuels.....	97
Plastics.....	13
Rubber.....	13
Textiles.....	1
Water and Environmental Technology.....	174
Total.....	1517

- Pratique, documentation sur les applications des procédés (manuels) ou une documentation technique de haut niveau (monographies) écrits par des experts de renommée mondiale dans leurs domaines respectifs.
- 114 E-Books, 22,677 pages
- 6-10 livres ajoutés chaque année
- Publiés entre 1965 – 2011



Manuels, Monographies Data Series, E-Books – Par sujet

Construction.....	8
Electrical Insulation and Electronics.....	1
General Methods and Instrumentation.....	8
General Products, Chemical Specialties, and End-use Products.....	14
Iron and Steel Products.....	6
Medical Devices and Services	1
Metals Test Methods and Analytical Procedures.....	12
Nonferrous Metal Products.....	0
Nuclear, Solar, and Geothermal Energy.....	3
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Rubber.....	1
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Water and Environmental Technology.....	17
Total.....	114

A- Accès direct (reconnaissance par adresse IP) Pour démarrer ASTM, allez sur le site : <http://enterprise.astm.org>; cet accès est possible pour les institutions de la liste annexée en fin de ce manuel.

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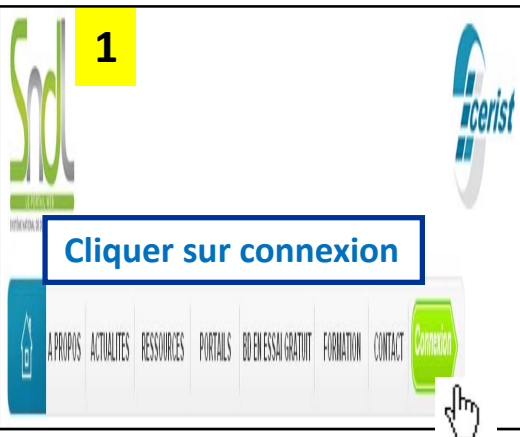
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3

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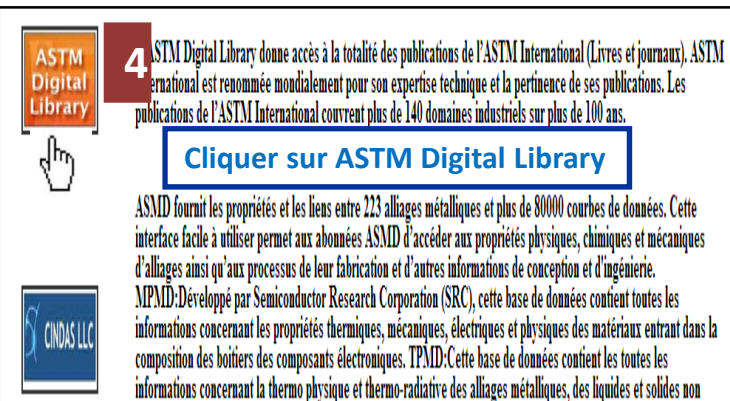
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ASTM Digital Library donne accès à la totalité des publications de l'ASTM International (Livres et journaux). ASTM International est renommée mondialement pour son expertise technique et la pertinence de ses publications. Les publications de l'ASTM International couvrent plus de 140 domaines industriels sur plus de 100 ans.

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ASTM fournit les propriétés et les liens entre 223 alliages métalliques et plus de 80000 courbes de données. Cette interface facile à utiliser permet aux abonnés ASMD d'accéder aux propriétés physiques, chimiques et mécaniques d'alliages ainsi qu'aux processus de leur fabrication et d'autres informations de conception et d'ingénierie.

MPMD: Développé par Semiconductor Research Corporation (SRC), cette base de données contient toutes les informations concernant les propriétés thermiques, mécaniques, électriques et physiques des matériaux entrant dans la composition des boîtiers des composants électroniques. TPMD: Cette base de données contient toutes les informations concernant la thermo physique et thermo-radiative des alliages métalliques, des liquides et solides non



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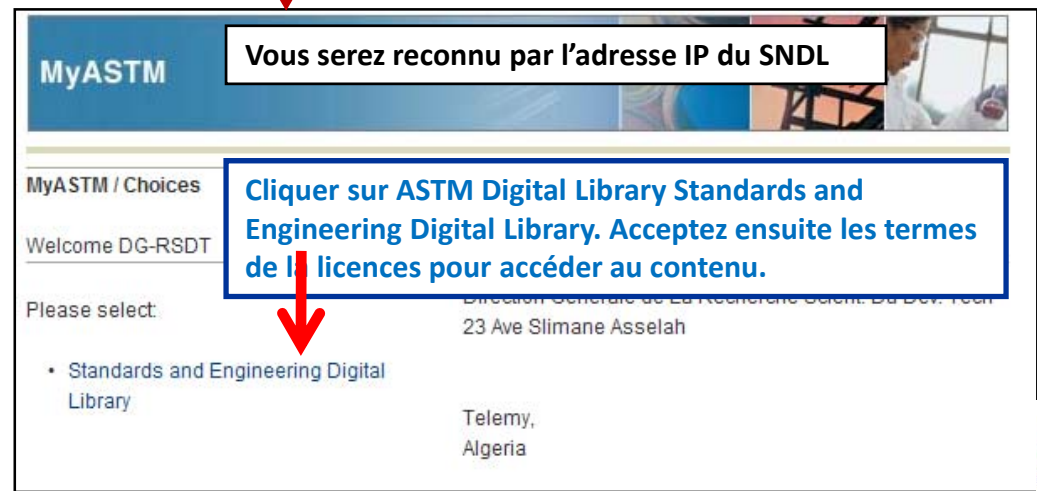
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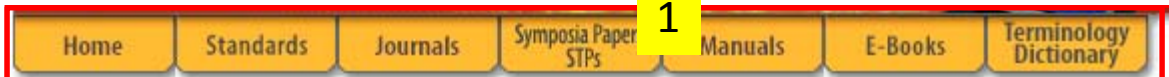
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Click Here >>

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Topic 3
Sub-Topic
ASTM Committee
Past Symposium

View the Alphanumeric Listing of Standards

A B C D E F G Withdrawn Workitems 4

1- Barre de navigation permet de localiser un type de contenu spécifique plus facilement et plus rapidement.

2- boîte de recherche : permet de rechercher le contenu global incluant les normes, les documents STP , les ebooks et les journaux.

3- parcourir le contenu de la base par type

4- Lister les standards par :
-Liste alphabétique
- liste de normes annulées(withdrawn)
- liste des documents de travail ASTM

Fonction Parcourir : Browse

Parcourir le contenu par thème ,
sous thème , par comité ASTM et
symposium

15 thèmes majeures
et 135 sous thèmes.

Browse By	
Topic	Go
Sub-Topic	Go
ASTM Committee	Go
Past Symposium	Go

Topic

Iron and Steel Products
Nonferrous Metal Products
Metals Test Methods and Analytical Procedures
Construction
Petroleum Products, Lubricants, and Fossil Fuels
Paints, Related Coatings, and Aromatics
Textiles
Plastics
Rubber
Electrical Insulation and Electronics
Water and Environmental Technology
Nuclear, Solar, and Geothermal Energy
Medical Devices and Services
General Methods and Instrumentation
General Products, Chem. Spec., End Use Products

ASTM Committee

A01-Steel, Stainless Steel and Rel
A04-Iron Castings
A05-Metallic-Coated Iron and Steel
A06-Magnetic Properties
B01-Electrical Conductors
B02-Nonferrous Metals and Alloys
B05-Copper and Copper Alloys
B07-Light Metals and Alloys
B08-Metallic and Inorganic Coating
B09-Metal Powders and Metal Powder
B10-Reactive and Refractory Metals
C01-Cement
C03-Chemical-Resistant Nonmetallic
C04-Vitrified Clay Pipe
C07-Lime
C08-Refractories
C09-Concrete and Concrete Aggregat
C11-Gypsum and Related Building Ma
C12-Mortars and Grouts for Unit M
C13-Concrete Pipe
C14-Glass and Glass Products
C15-Manufactured Masonry Units
C16-Thermal Insulation
C17-Fiber-Reinforced Cement Produc
C18-Dimension Stone
C21-Ceramic Whitewares and Related
C24-Building Seals and Sealants
C26-Nuclear Fuel Cycle
C27-Precast Concrete Products

ASTM Committee

Past Symposium

A01-Steel, Stainless Steel and Rel
B10-Reactive and Refractory Metals
C01-Cement
C09-Concrete and Concrete Aggregat
C12-Mortars and Grouts for Unit M
C24-Building Seals and Sealants
D02-Petroleum Products and Lubrica
D04-Road and Paving Materials
D09-Electrical and Electronic Insu
D14-Adhesives
D18-Soil and Rock
D22-Air Quality
D30-Composite Materials
D35-Geosynthetics
E05-Fire Standards
E06-Performance of Buildings
E08-Fatigue and Fracture
E10-Nuclear Technology and Applica
E17-Vehicle - Pavement Systems
E28-Mechanical Testing
E34-Occupational Health and Safety
E35-Pesticides and Alternative Con
E37-Thermal Measurements
E47-Biological Effects and Environ
F04-Medical and Surgical Materials
F08-Sports Equipment and Facilitie
F12-Security Systems and Equipment
F23-Protective Clothing
F27-Snow Skiing

Past Symposium

Fonction Parcourir : Browse

- ✓ Lister les normes par ordre alphabétique.
- ✓ Lister les normes annulées.
- ✓ Lister des documents de travail

View the Alphanumeric Listing of Standards

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [Withdrawn](#) [Workitems](#)



INTERNATIONAL
Standards Worldwide

Standards Search

A

AIIMASTM-BP-01-08 Portable Document Format-Healthcare (PDF) A Best Practices Guide
A1-00(2010) Standard Specification for Carbon Steel Tee Rails
A2-02(2008) Standard Specification for Carbon Steel Girder Rails of Plain, Grooved, and C
A3-01(2006) Standard Specification for Steel Joint Bars, Low, Medium, and High Carbon C
A6/A6M-11 Standard Specification for General Requirements for Rolled Structural Steel Ba
A20/A20M-11 Standard Specification for General Requirements for Steel Plates for Pressu
A17/A17M-10 Standard Specification for Steel Castings, Carbon, for General Application



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Standards Worldwide

Standards Search

Withdrawn Standards

[A10- Withdrawn 1970: Specification for Mild Steel Plates](#)
[A1026-03 Standard Specification for Alloy Steel Structural Shapes for Use in Building Fr](#)
[A103-27 Methods of Sampling Ferro-Alloys \(Withdrawn March 1939\)](#)
[A104- Withdrawn 1939: Methods of Chemical Analysis of Ferro-Alloys](#)
[A107- Withdrawn 1968: Specification for Hot-Rolled Carbon Steel Bars](#)
[A109M-91 Specification for Steel, Strip, Carbon, Cold-Rolled \[Metric\] \(Withdrawn 1998\)](#)



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Standards Worldwide

Standards Search

Work Items

[WK52 Practice for Unit Masonry Workmanship](#)
[WK828 Precast Concrete Burial Vaults and Graveliners](#)
[WK933 Standard Test Method for Determination of Gaseous Compounds by Extractive Direct Interface Four of D6348-98](#)
[WK1663 Standard Terminology of Building Seals and Sealants Proposed Revision of C717-03a](#)
[WK1680 Standard Test Method for Limiting Oxygen \(Oxidant\) Concentration of Combustible Dust Clouds](#)
[WK1902 Standard Test Method for Blast-Resistant Doors](#)

✓ Lister les normes par ordre alphabétique.

✓ Lister les normes annulées.

✓ Lister des documents de travail

Fonction Parcourir : Browse : exemple

Browse By

Iron and Steel Products

Fatigue and Fracture

ASTM Committee

Past Symposium

Répartition des documents correspondant à la fatigue et la rupture des structures en fer et acier

Digital Library / Committee / E08 on Fatigue and Fracture

Standards

E399-09e2 Standard Test Method for Linear-Elastic Plane-Strain Fracture Toughness K_{Ic} of Metallic Materials

E436-03(2008) Standard Test Method for Drop-Weight Tear Tests of Ferritic Steels

E466-07 Standard Practice for Conducting Force Controlled Constant Amplitude Axial Fatigue Tests of Metallic Materials

E467-08e1 Standard Practice for Verification of Constant Amplitude Dynamic Forces in an Axial Fatigue Testing System

E468-11 Standard Practice for Presentation of Constant Amplitude Fatigue Test Results for Metallic Materials

STPs Special Technical Papers

STP1515 Fatigue and Fracture of Medical Metallic Materials and Devices: 2nd Volume

STP1508 Seventh International ASTMESIS Symposium on Fatigue and Fracture Mechanics (36th ASTM National Symposium on Fatigue and Fracture Mechanics)

Manuals

MNL52 An Introduction to the Development and Use of the Master Curve Method

MNL41-3RD Fracture and Fatigue Control in Structures: Applications of Fracture Mechanics,

MNL27 Manual on Elastic-Plastic Fracture: Laboratory Test Procedures

Journal of ASTM International (JAI)

Definition of the Influence of Pore Size on the Fatigue Limit Using Short Crack Propagation Experiments

Elastic-Plastic Stress Analysis of Cold-Worked Pin-Loaded Holes

Nouvelles fonctionnalités pour des recherches plus rapides

Etape 1:

- Rechercher par Terme ou domaine
- Rechercher par numéro de référence de la norme (exp : B117)
- Rechercher par Titre
- Rechercher par Auteur, ou
- Rechercher par Comité

Etape 2 :

Affiner vos résultats de recherche pour accéder à un contenu spécifique.

Fonction recherche : exemple

Search Library by Keyword

cold rolled steel in All

Submit Reset Advanced Search

Recherche simple : tapez les mots clés

The screenshot shows the search results for 'cold rolled steel' on the ASTM International website. The page is titled 'STANDARDS AND ENGINEERING DIGITAL LIBRARY - SEDL SEARCH - ENTERPRISE EDITION'. The search results are displayed in a list format, with the first result being 'ASTM A980/A980M-11 Standard Specification for Steel, Sheet, Carbon, Ultra High Strength Cold Rolled'. The second result is 'Development of Methodology for Qualifying Safety Critical A286 Threaded Fasteners'. The page includes a navigation menu with options like HOME, STANDARDS, JOURNALS, SYMPOSIA PAPERS (STPs), MANUALS, EBOOKS, and TERMINOLOGY DICTIONARY. The search results are filtered to show 1117 results, with 464 standards and 653 engineering publications. The page also features a 'Refine your search' section with various filters like TOPIC, RESULT TYPE, DATE RANGE, and AUTHORS. The search results are displayed in a list format, with the first result being 'ASTM A980/A980M-11 Standard Specification for Steel, Sheet, Carbon, Ultra High Strength Cold Rolled'. The page includes a navigation menu with options like HOME, STANDARDS, JOURNALS, SYMPOSIA PAPERS (STPs), MANUALS, EBOOKS, and TERMINOLOGY DICTIONARY. The search results are filtered to show 1117 results, with 464 standards and 653 engineering publications. The page also features a 'Refine your search' section with various filters like TOPIC, RESULT TYPE, DATE RANGE, and AUTHORS.

1 cold rolled steel

2 Showing 1 - 10 of 1117 Page: 1 2 3 4 5 6 7 8 9 10 | Next » Results per page: 10

3 Select All Email Link(s) Print Page

4 Active Standard (Latest Version)

5 Show A980/A980M Historical Versions and Work Items »

6 Refine your search:

7 Select All Email Link(s) Print Page

3 Download PDF Active + Redline View Text View Abstract Committee A01

3 Download PDF View Abstract Committee F16

1- Répartition et nombre de résultats

Vous pouvez afficher :

- tous les résultats
- Les normes
- Engineering publications : correspondant aux articles provenant de STP, manuels ou revues.

2- Présentation du document : titre cliquable pour afficher le document, un résumé ou descriptif

3- Outils :

- Download PDF : Télécharger le pdf du document
- Active Redline : Télécharger les redlines de la norme uniquement pour les normes
- View text : Afficher le texte en format HTML(uniquement pour les normes)
- view abstract
- Committee : Afficher le

4- Recherches associées : donne des mots clés associée au document.

5- pour les normes affiche les versions antérieures de la norme et les documents de travail reliée à la norme considérée

6- affiner les résultats de la recherche par thème, type de document, date, et auteurs.

7- permet d'envoyer les liens d'une sélection de document par email, ou d'imprimer la page de résultats en cours.

Résultats de recherche : affinement des résultats

Search results:
cold rolled steel

Refinements Applied:
None

Refine your search:

TOPIC:

- Construction (83)
- Electrical Insulation (7)
- Energy -- Nuclear, Solar, Geothermal (54)
- Environment (23)
- Medical -- Devices and Services (23)
- Metals (786)
 - Iron and Steel (446)
 - Nonferrous (91)
 - Test Methods (249)

cold rolled steel

SEARCH

All (1117) Standards (464) Engineering Publications (653)

Showing 1 - 10 of 1117 Page: 1 2 3 4 5 6 7 8 9 10 | Next »

Select All

Active Standard

ASTM A980 High Strength

1.1 This specific product is available in austenitic temper applications where

Search results:
cold rolled steel

Refinements Applied:
• Journal Papers
• Topic: Construction
• Remove All Refinements

Refine your search:

SUBTOPIC:

- Building Seals and Sealants (3)
- Dimension Stone (1)
- Performance of Buildings (1)
- Roofing and Waterproofing (2)
- Soil and Rock (2)

DATE RANGE

- In Last Year (2)
- In Last 5 Years (4)
- In Last 10 Years (7)

AUTHORS

- Baskaran A. (1)
- Carboni L. (1)

cold rolled steel

SEARCH

All (9) Engineering Publications (9)

Showing 1 - 9 of 9 Page: 1

Select All Email Link(s) Print Page

Journal Paper

Standards Development for Impermeable, Constructible, and Durable Waterproofing

Strong J., Kovach J., Eng V.
February 2006 -- [JAI Volume 3, Issue 2](#) 10.1520/JAI13117

Building owners 39; expectations for waterproofing systems are simple. Waterproofing must prevent the passage of water (impermeability), must be capable of successful installation under typical construction conditions (constructability), and must continue to provide waterproofing for the life of the structure (durability). The realization of these expectations is thwarted, in part, by a lack of ... [More](#)

Related Searches: • waterproofing • impermeability • constructability • durability • more...

Résultats limités aux articles de revues et au thème : construction.

Vous pouvez revenir en arrière en éliminant un critère d'affinement par un simple clic sur la croix rouge

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Choose Committee 3

Browse By ICS

Choose ICS Number Code 4

View the Alphanumeric Listing of Standards

A B C D E F G 5

View Additional Listings

Work Items
Withdrawn Standards
ISO Standards
UOP Standards

Track Changes to Standards | Search Tips | Support Desk

Rappel du contenu et de la date d'expiration de votre souscription .

- 1- cherchez une norme par mot clé ou titre de la norme
- 2- Parcourir les normes par domaine d'intérêt.
- 3- parcourir les normes par comité ASTM.
- 4- °Parcourir les normes par thème ICS : ICS(International classification of standards).
- 5- parcourir les normes par :
 - Liste alphabétique
 - liste de normes annulées(withdrawn)
 - liste des documents de travail ASTM
 - Listes des normes ISO et UOP adaptées par ASTM

Note : Les Comités techniques de ASTM développent et maintiennent des normes ASTM. Ils sont regroupés par des désignations en fonction de leur activité liée à un champ de travail particulier (ex: A01 sur l'acier, acier inoxydable et alliages connexes). Comités ASTM sont constitués de plus de 32.000 bénévoles de l'industrie et des fabricants et des consommateurs, ainsi que d'autres groupes d'intérêt tels que le gouvernement ou des universités.



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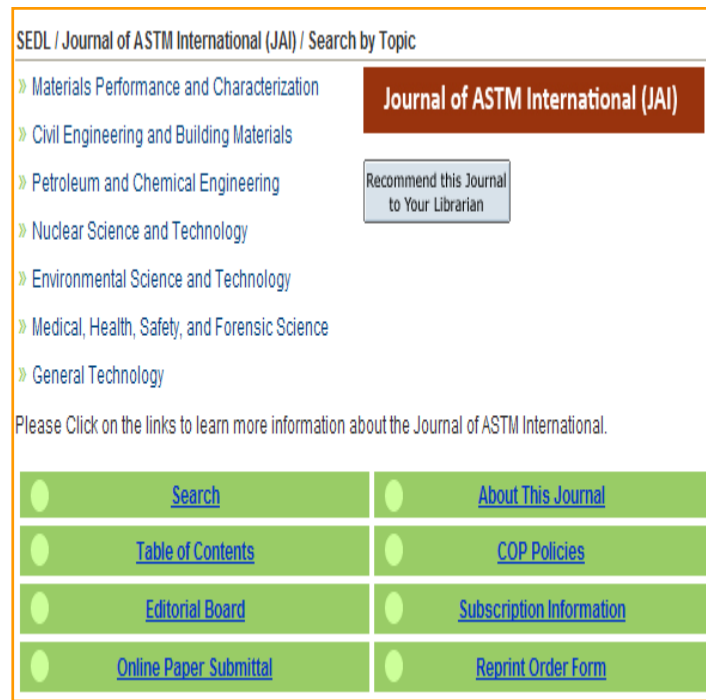
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Geotechnical Testing Journal (GTJ)
Journal of ASTM International (JAI)
Journal of Cement, Concrete and Aggregates (CCA)
Journal of Composites, Technology and Research (JCTR)
Journal of Forensic Sciences 1972-2005 (JOFS)
Journal of Testing and Evaluation (JTE)

Le journal JAI est subdivisé par thèmes spécifiques



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Modeling and Simulation of Film and Transitional Boiling Processes on a Metallic Cylinder During Quenching

Stark, Paul

Institute on Materials Science (IWT), Univ. of Bremen,

Fritsching, Udo

Institute on Materials Science (IWT), Univ. of Bremen,

(Received 15 September 2010; accepted 3 August 2011)

Abstract

A multiphase flow and heat transfer model is used to simulate the flow field and the heat transfer process of a metal specimen located in a flow during the quenching process. The applied bubble crowd model is able to

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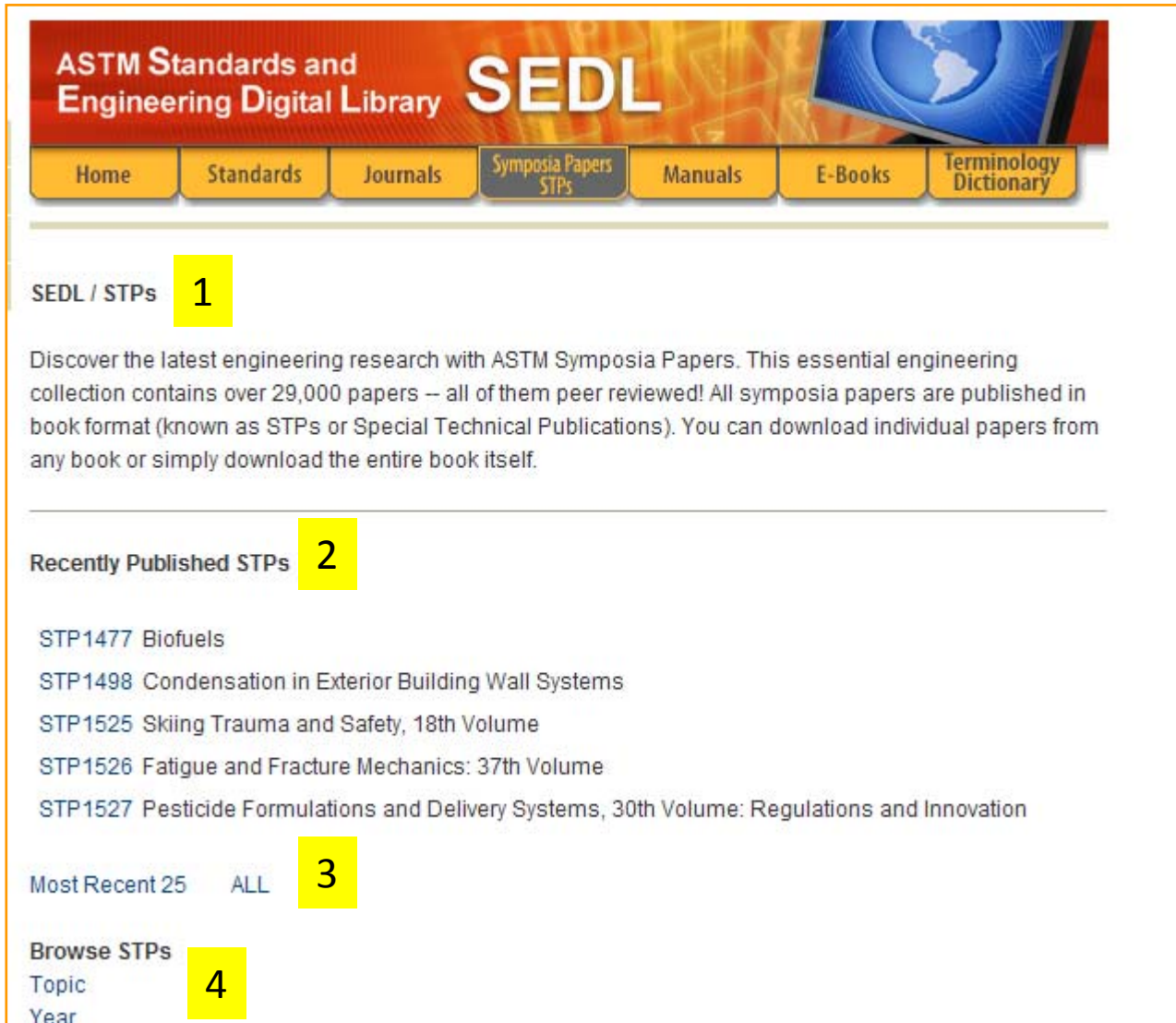
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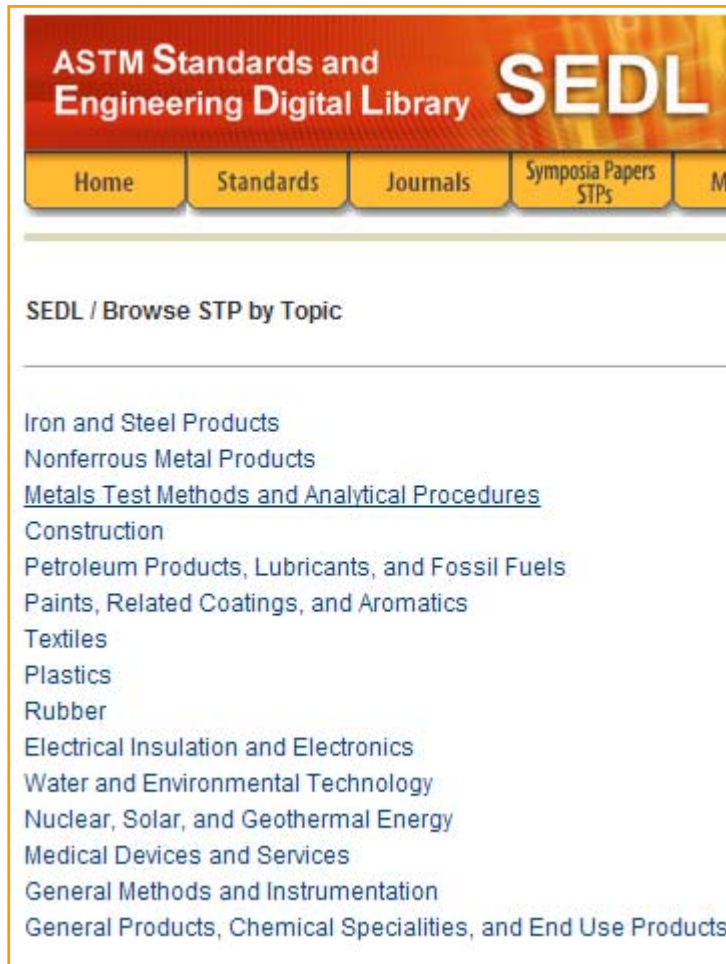
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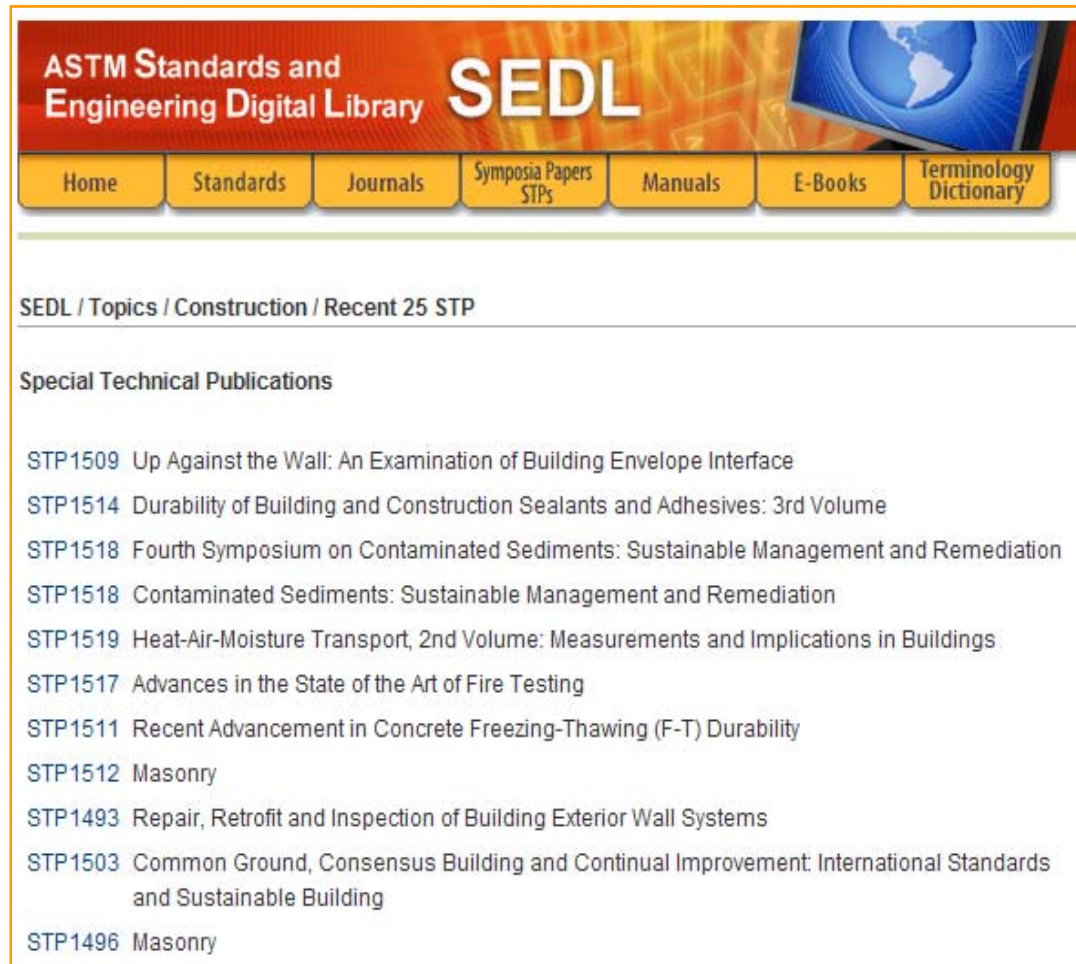


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Up Against the Wall: An Examination of Building Envelope Interface
Carl Charles, Hardman Barry, Weston Theresa

Pages: 277 Published: 2010

Related Standards

E72-10 Standard Test Methods of Conducting Strength Tests of Panels for Building Construction

E73-83(2007) Standard Practice for Static Load Testing of Truss Assemblies

E154-08a Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

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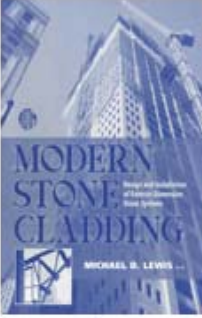
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C99/C99M-09 Standard Test Method for Modulus of Rupture of Dimension Stone

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refractory products consisting predominantly of silicon carbide.

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Committee: C08

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anti-reflection coating
a process to apply material to the surface of the glass that reduces reflection, and increases the light transmission through the component.
Standard: C1661
Committee: C26

antireflective (AR) coating, n
a coating applied to either the front surface of the CCD or the vacuum window surfaces, to minimize the amount of reflected energy (or electromagnetic radiation) so as to maximize the amount of transmitted energy.
Standard: E2642
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